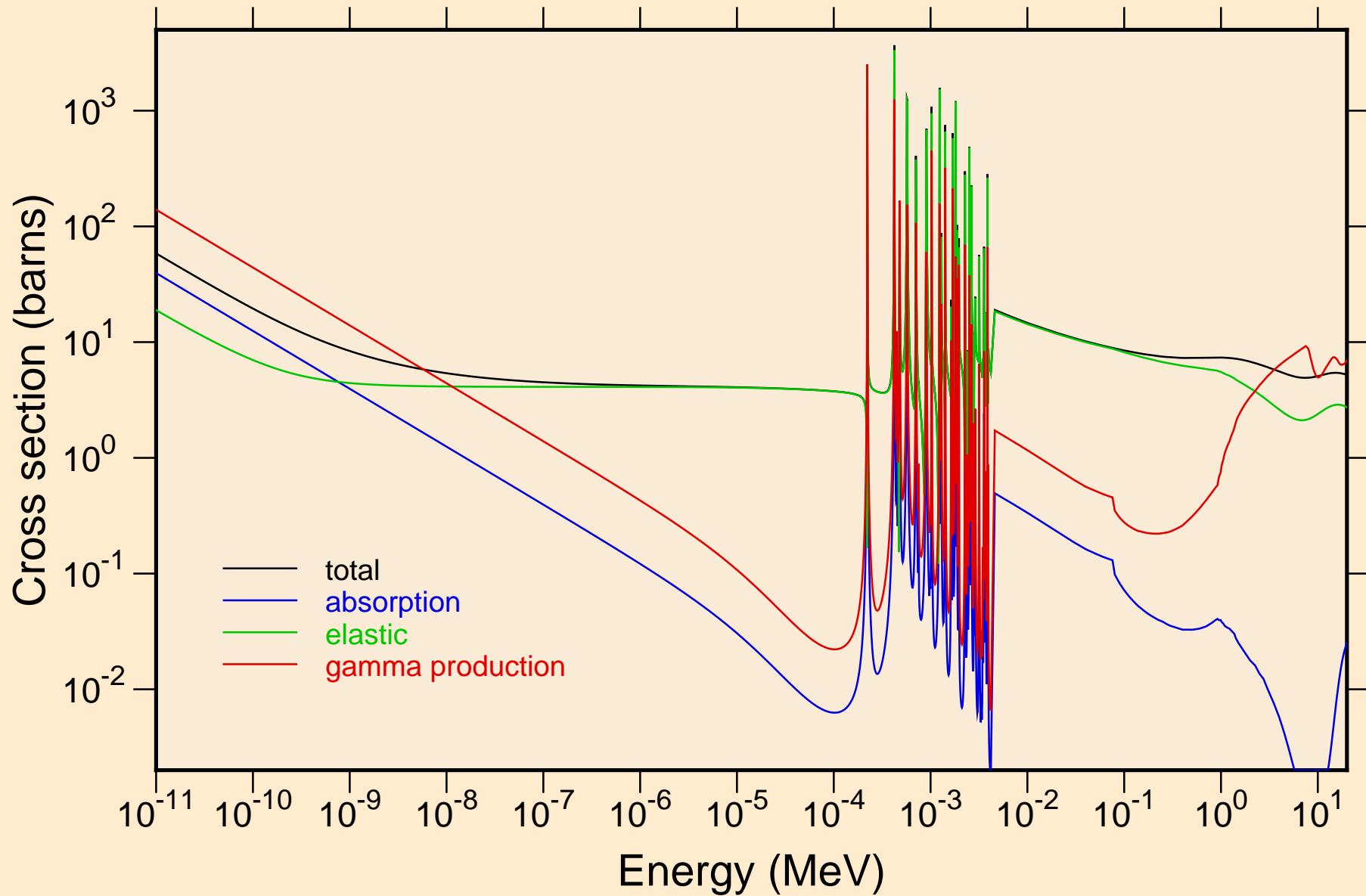
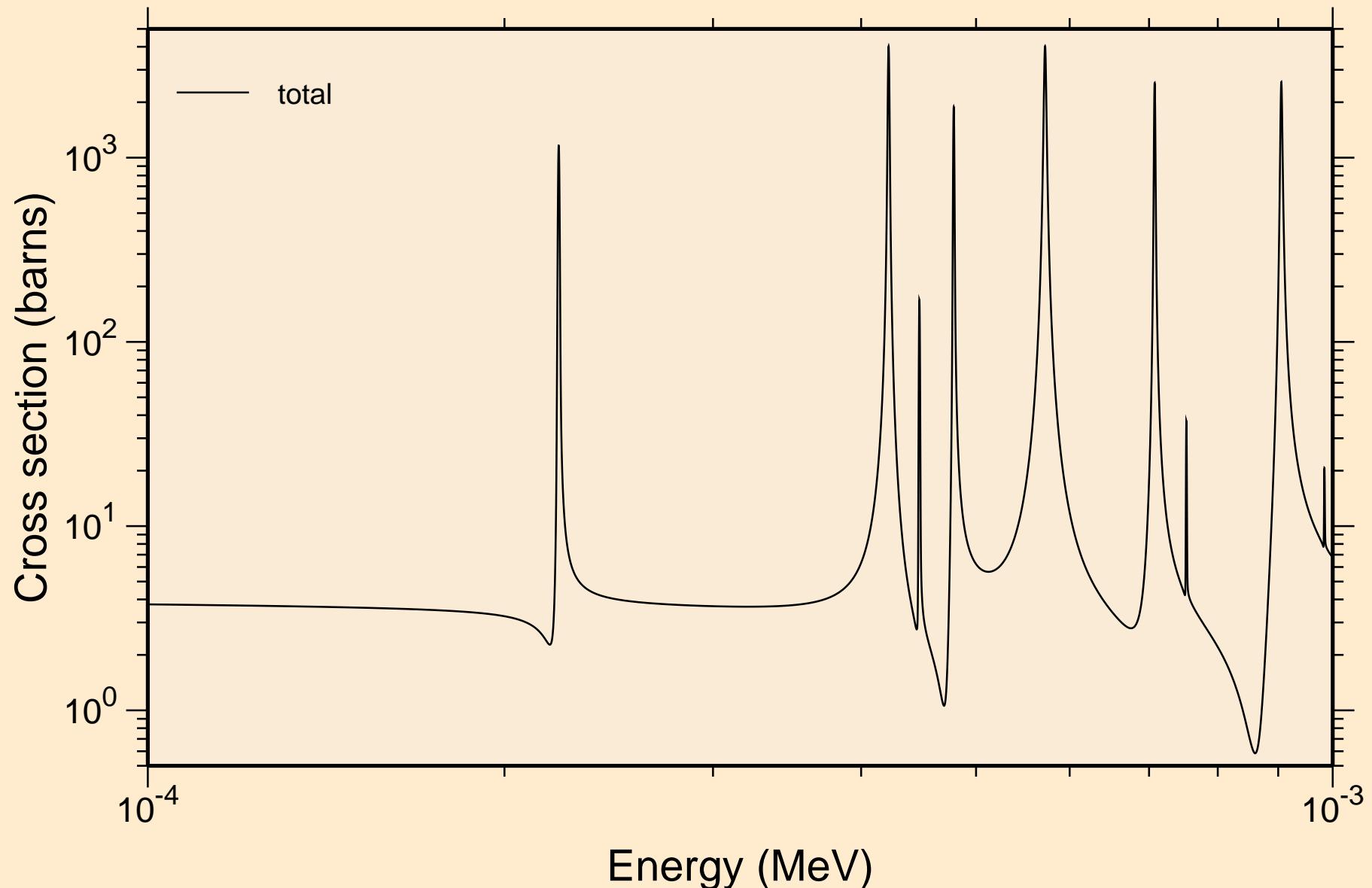


# JENDL-4 GD-160

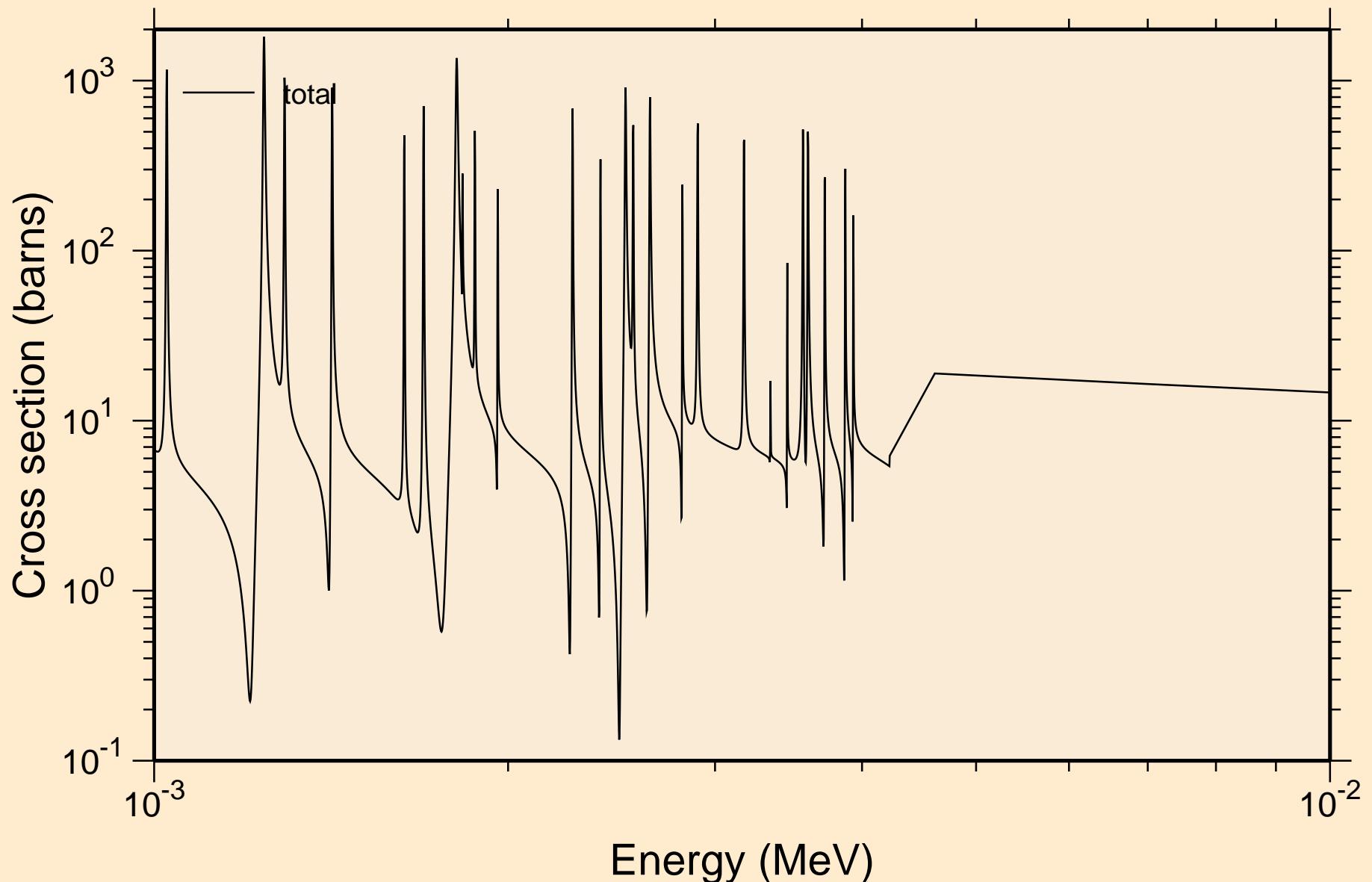
## Principal cross sections



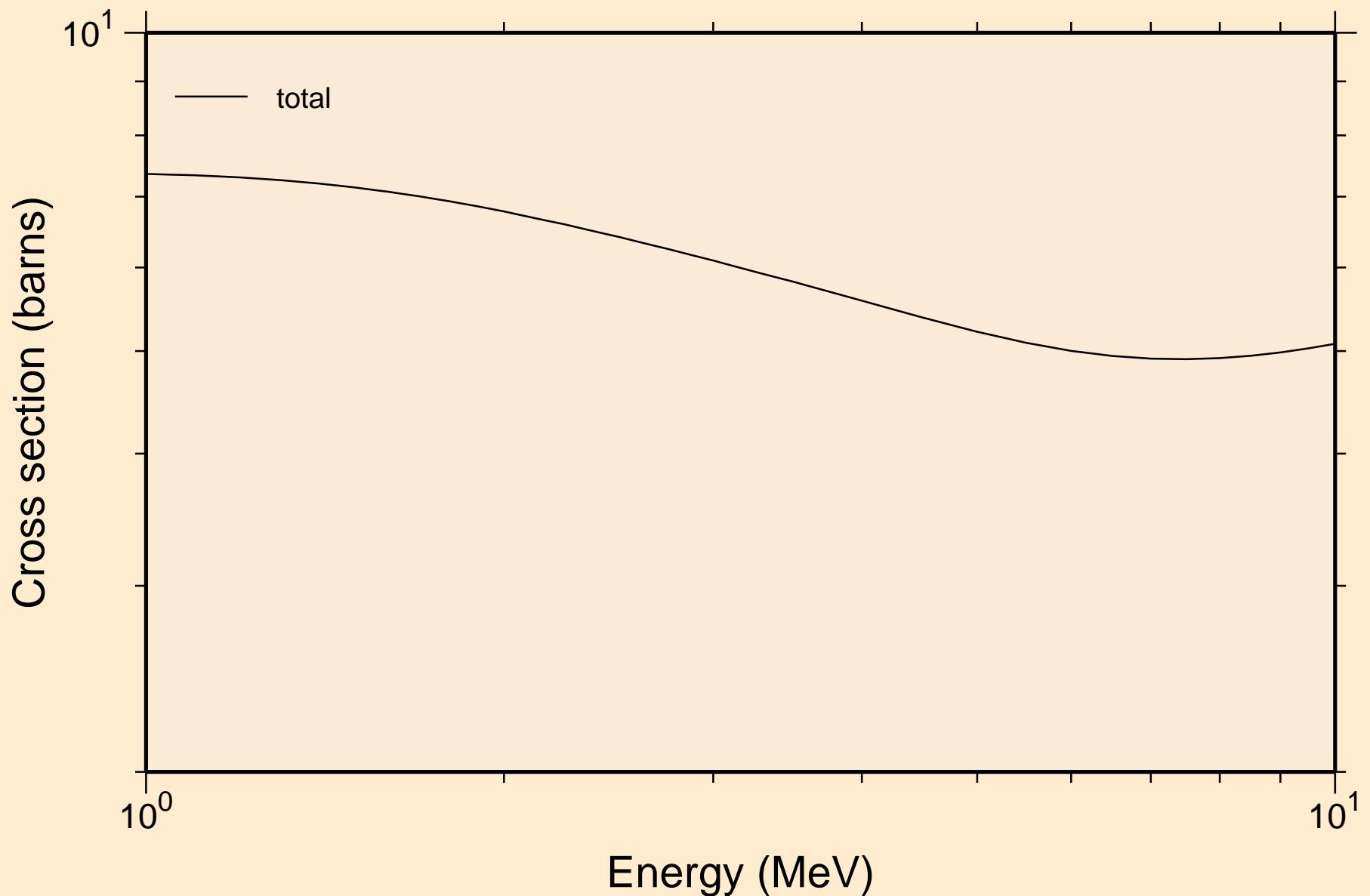
JENDL-4 GD-160  
resonance total cross section



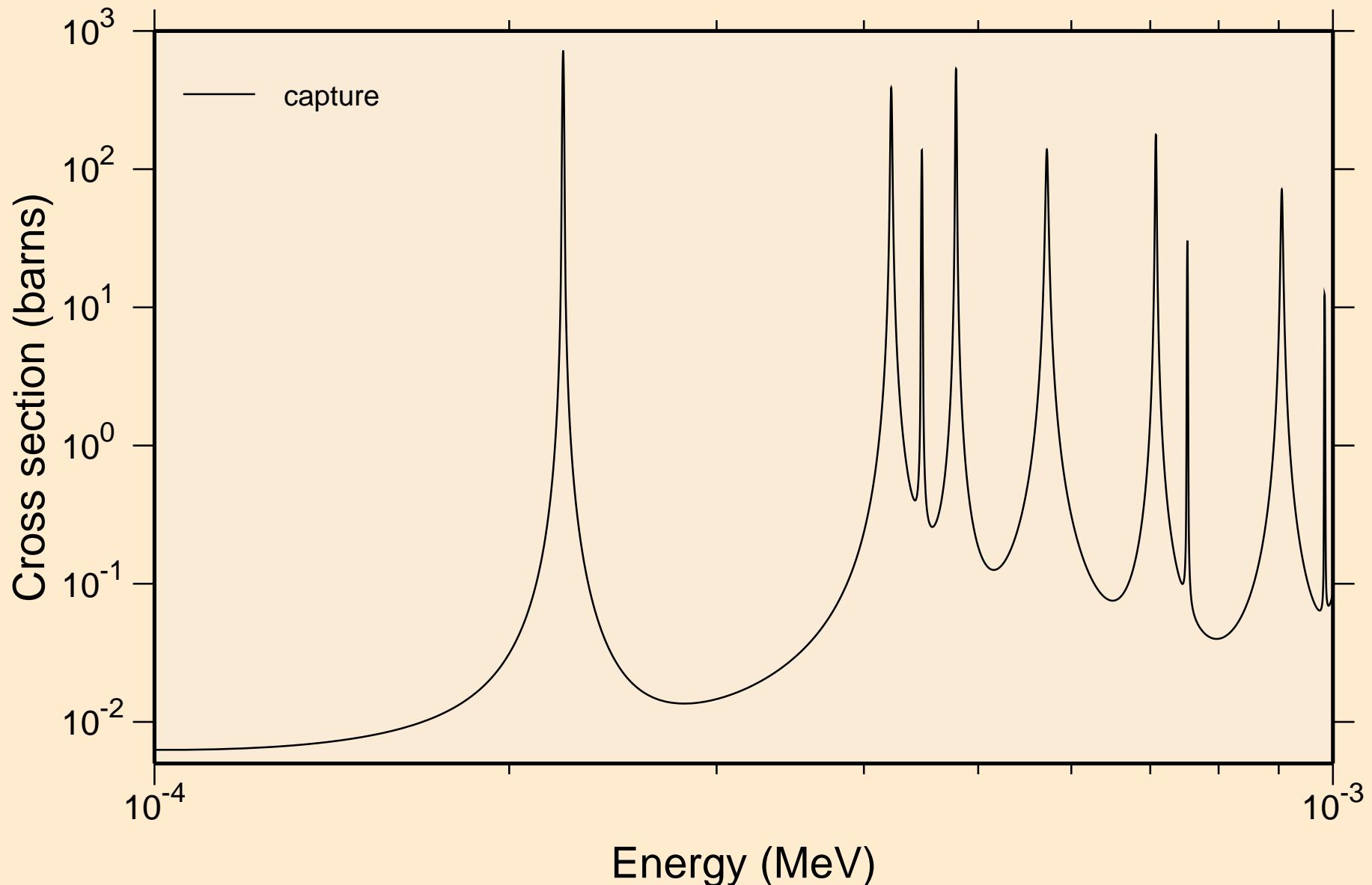
JENDL-4 GD-160  
resonance total cross section



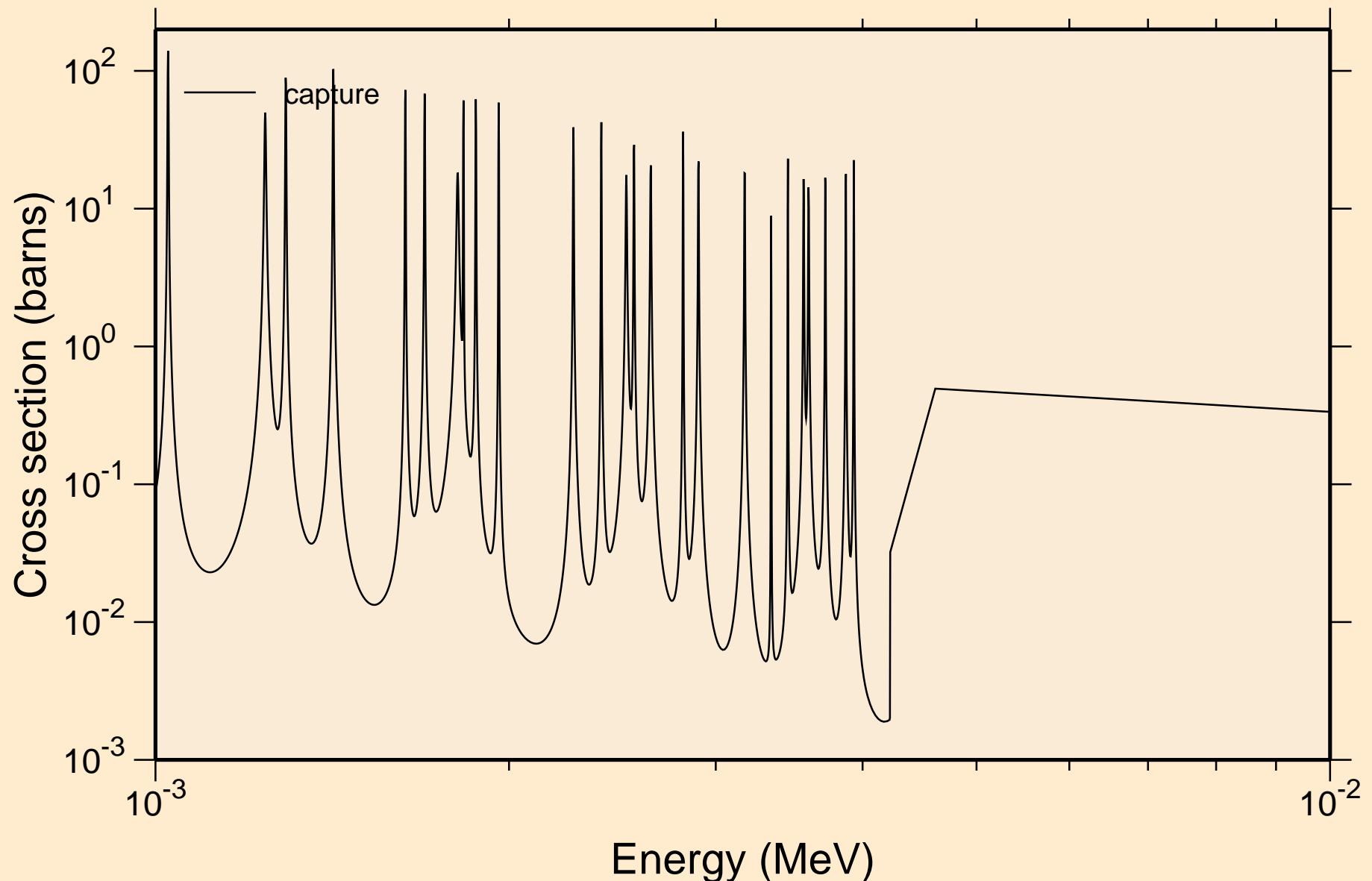
JENDL-4 GD-160  
resonance total cross section



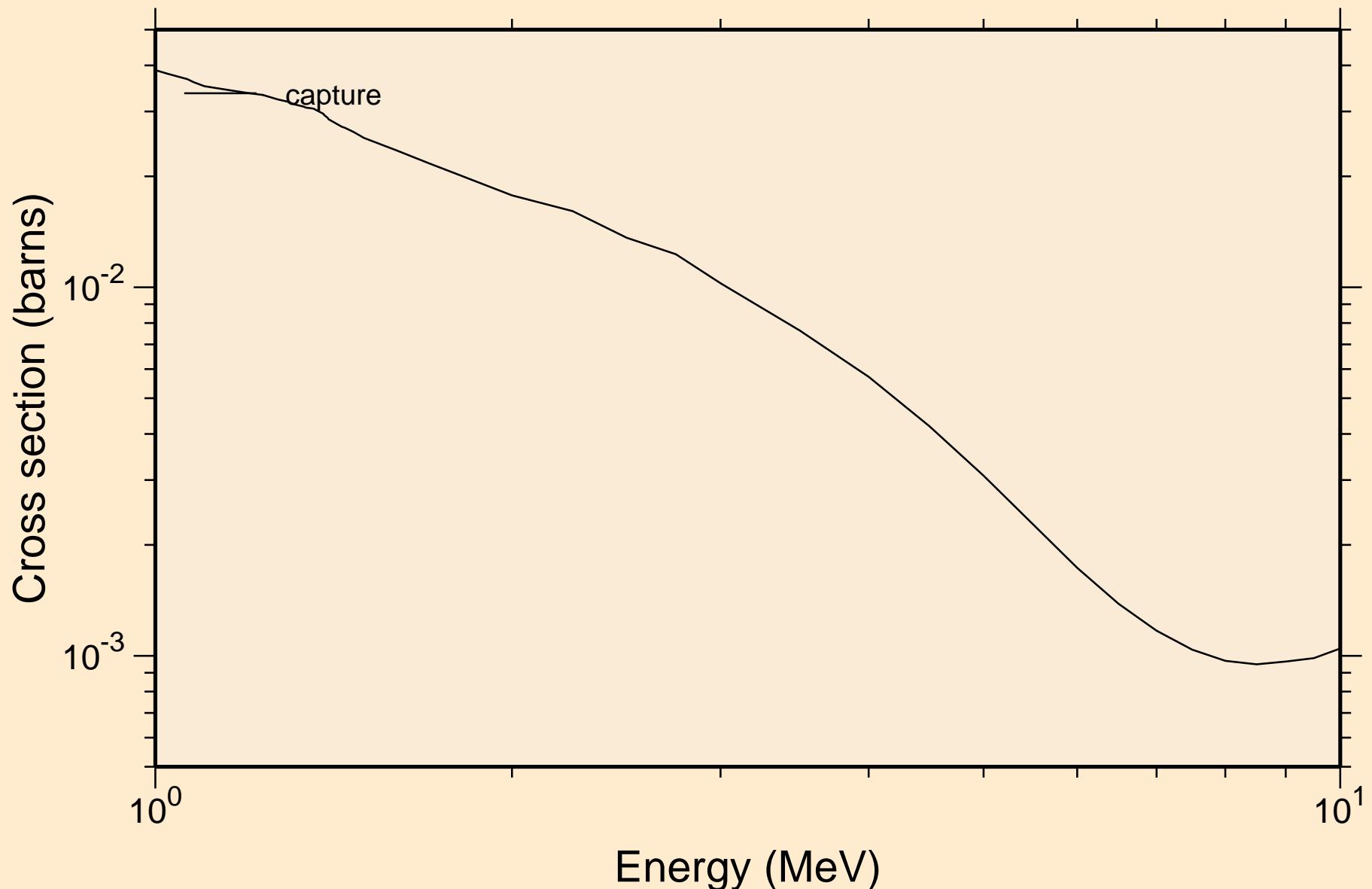
JENDL-4 GD-160  
resonance absorption cross sections



JENDL-4 GD-160  
resonance absorption cross sections

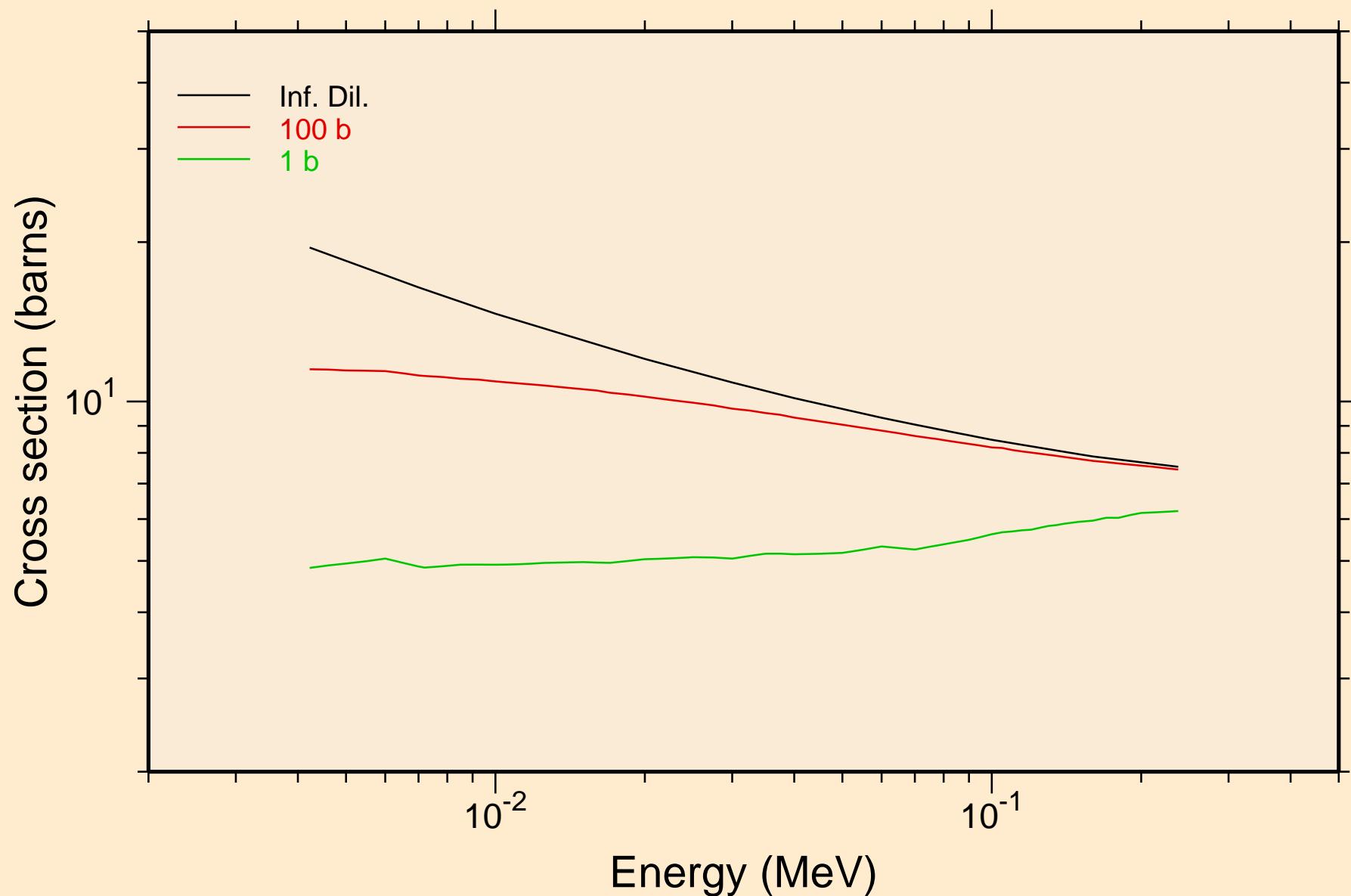


JENDL-4 GD-160  
resonance absorption cross sections



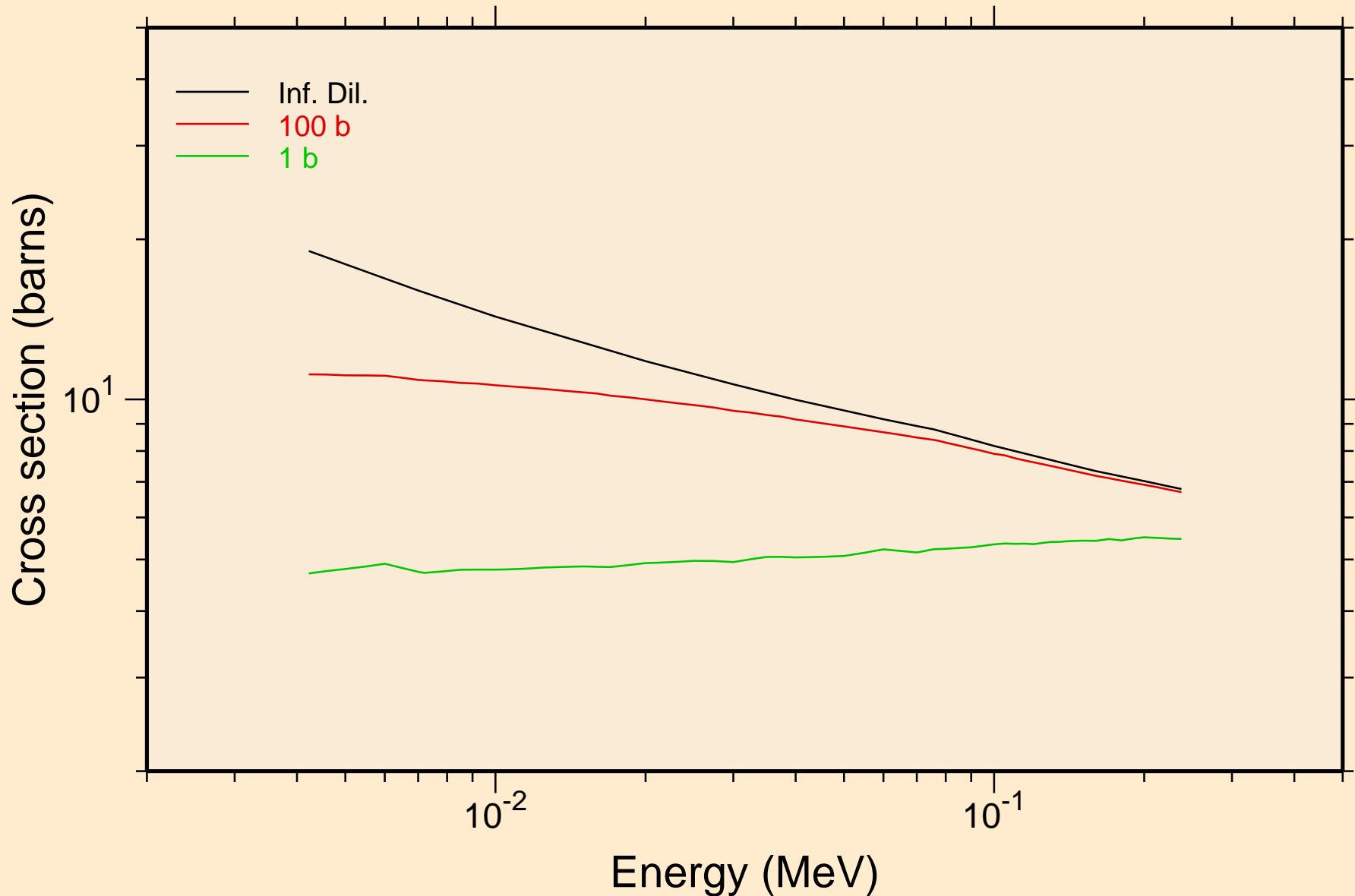
# JENDL-4 GD-160

## UR total cross section

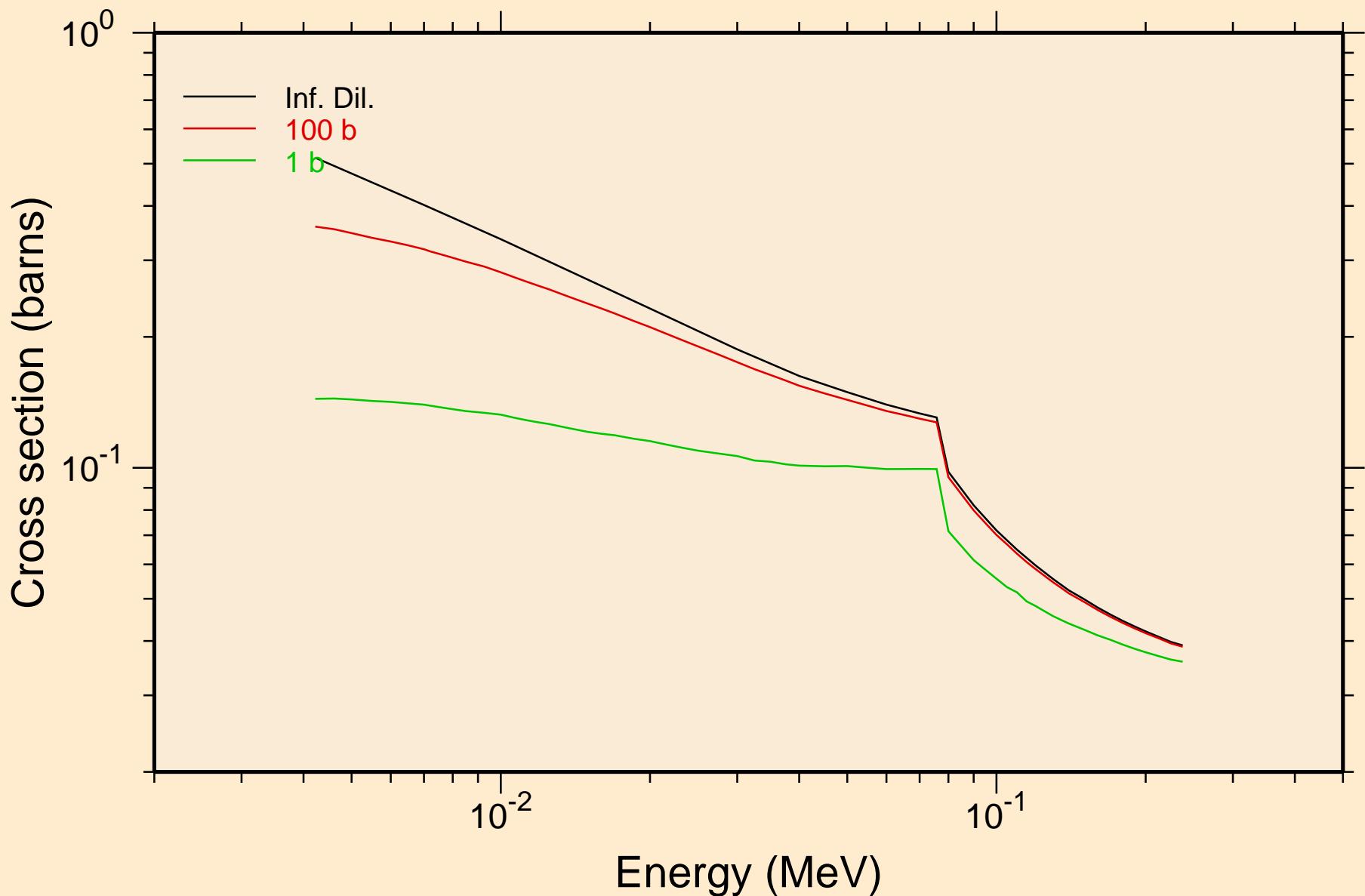


# JENDL-4 GD-160

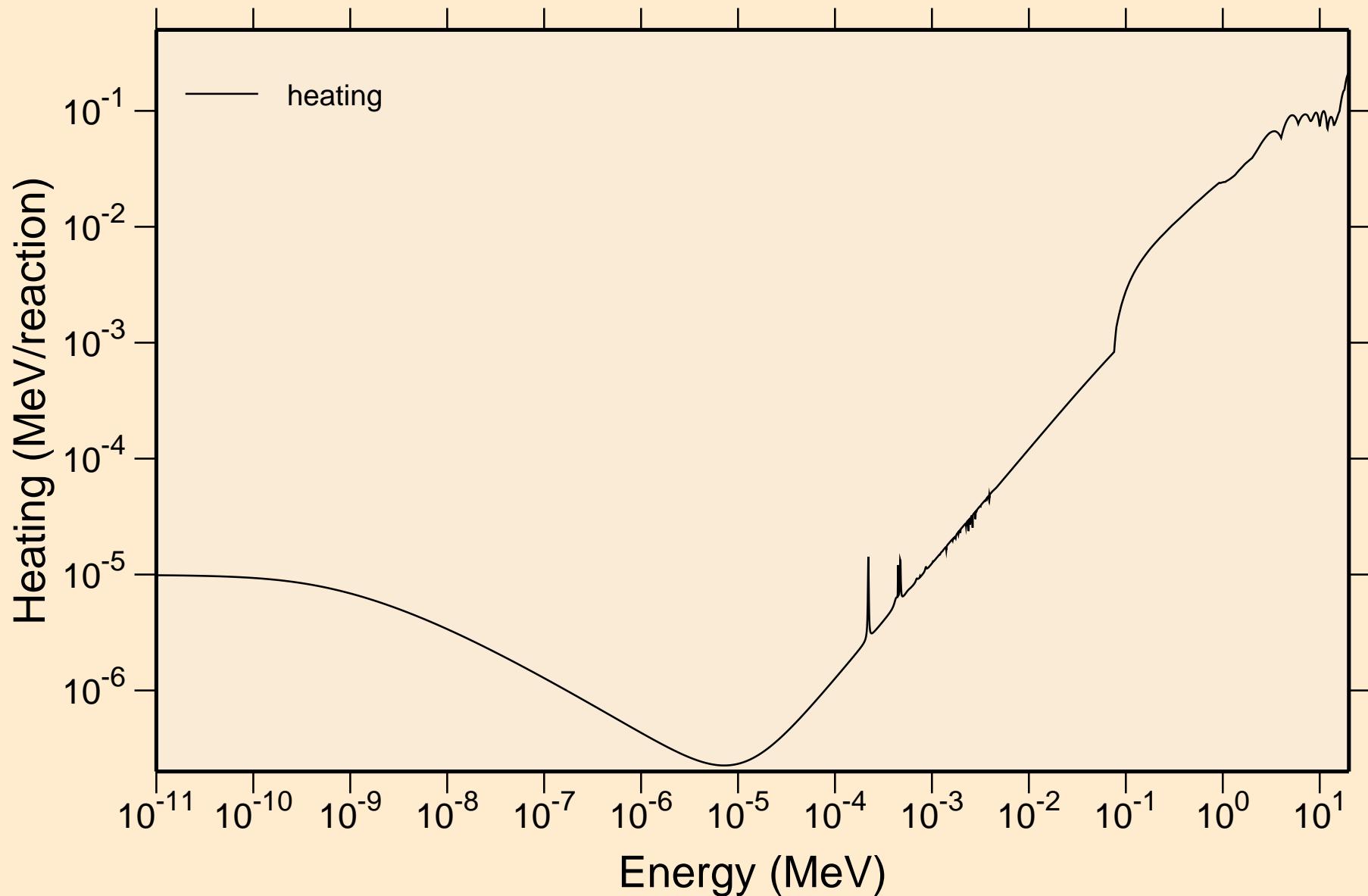
## UR elastic cross section



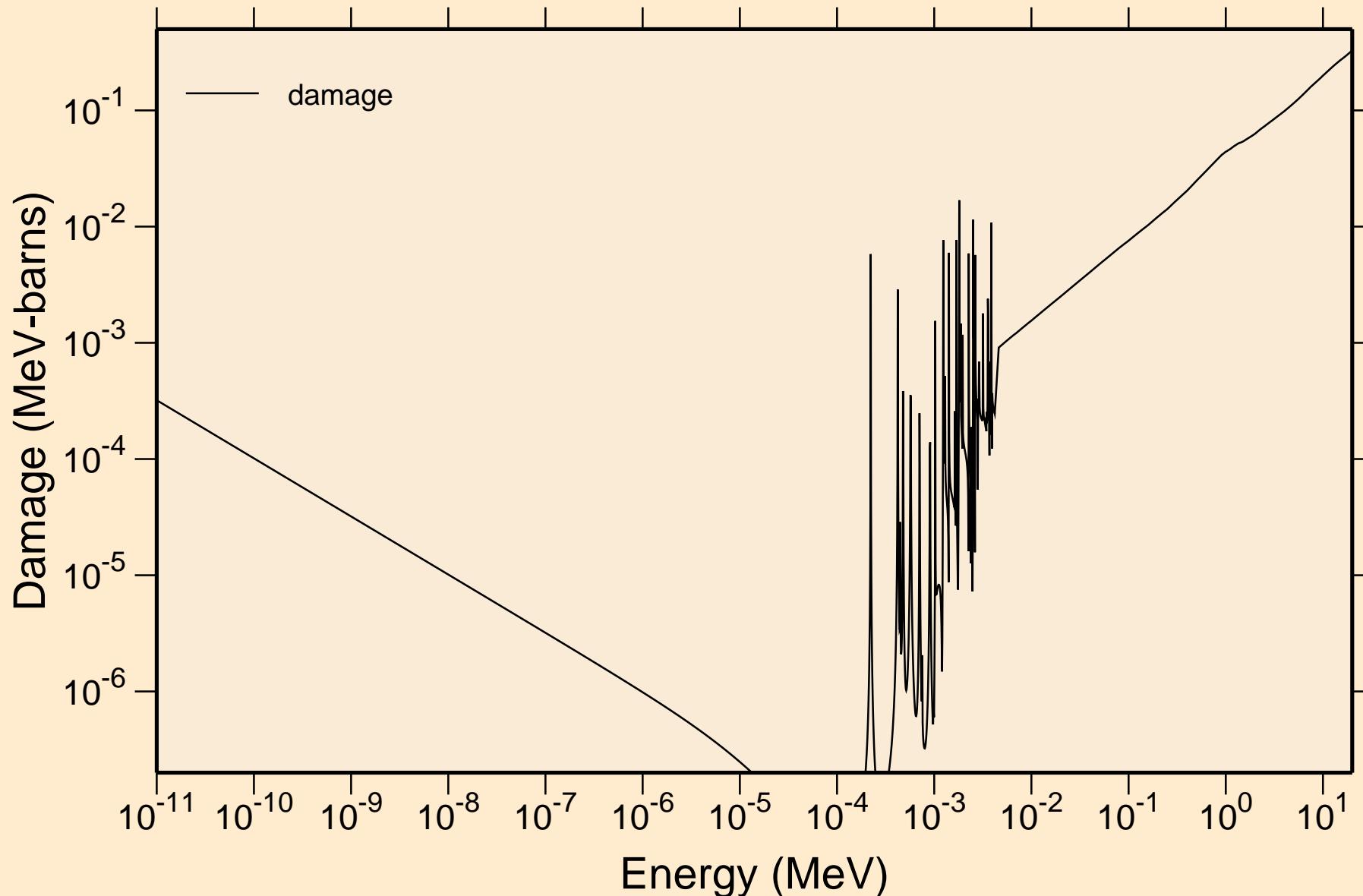
JENDL-4 GD-160  
UR capture cross section



JENDL-4 GD-160  
Heating

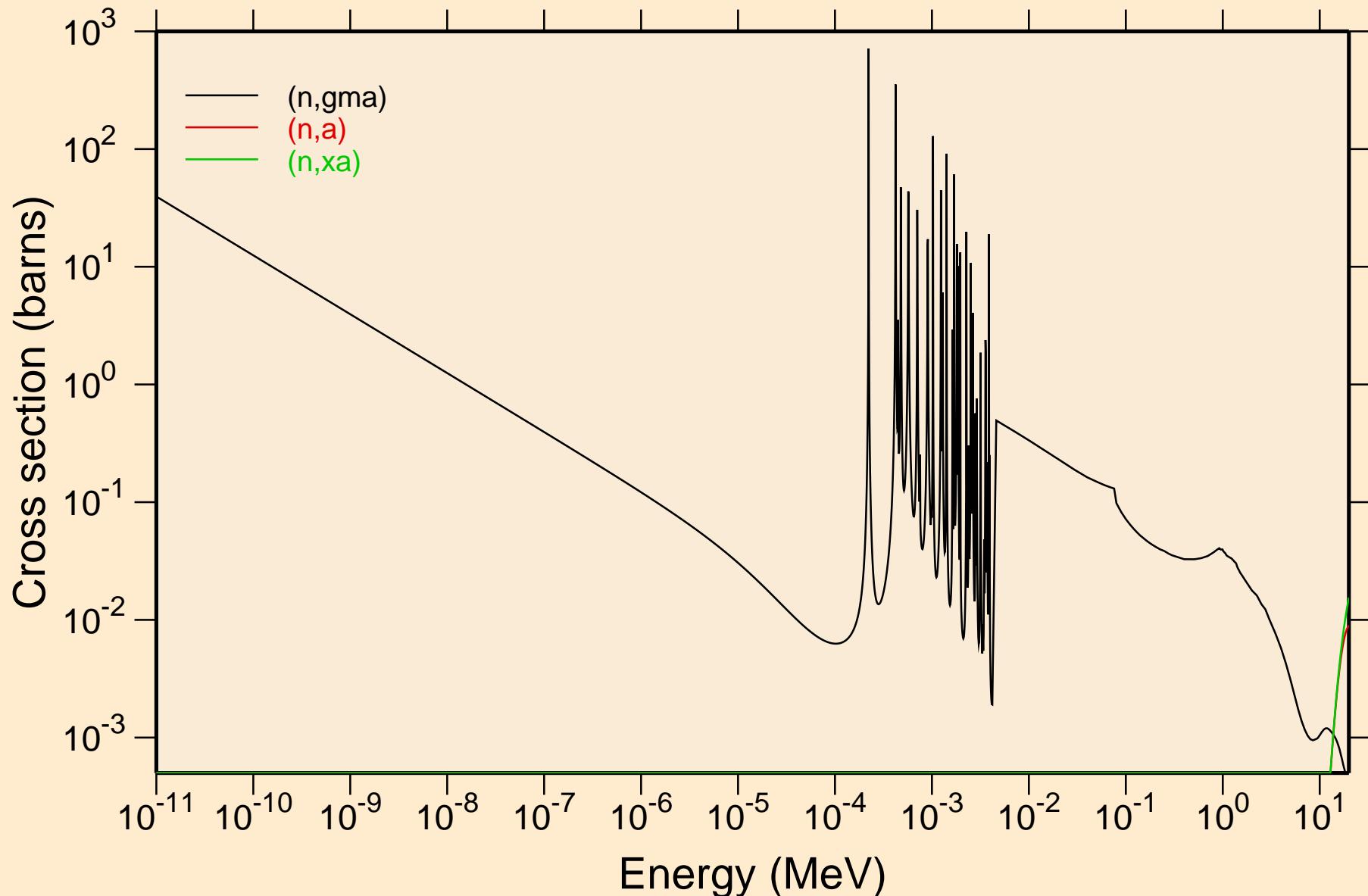


JENDL-4 GD-160  
Damage



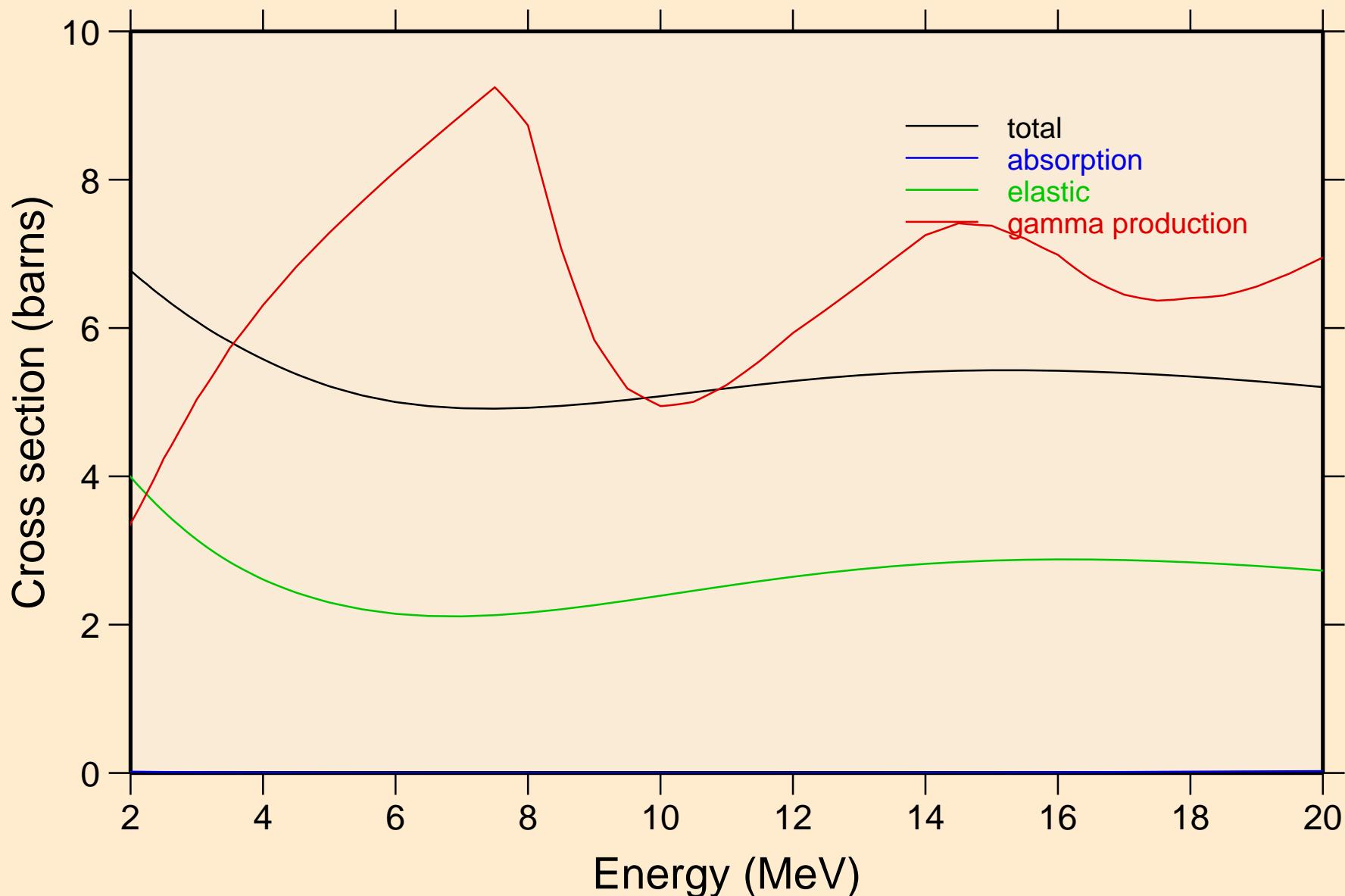
# JENDL-4 GD-160

## Non-threshold reactions

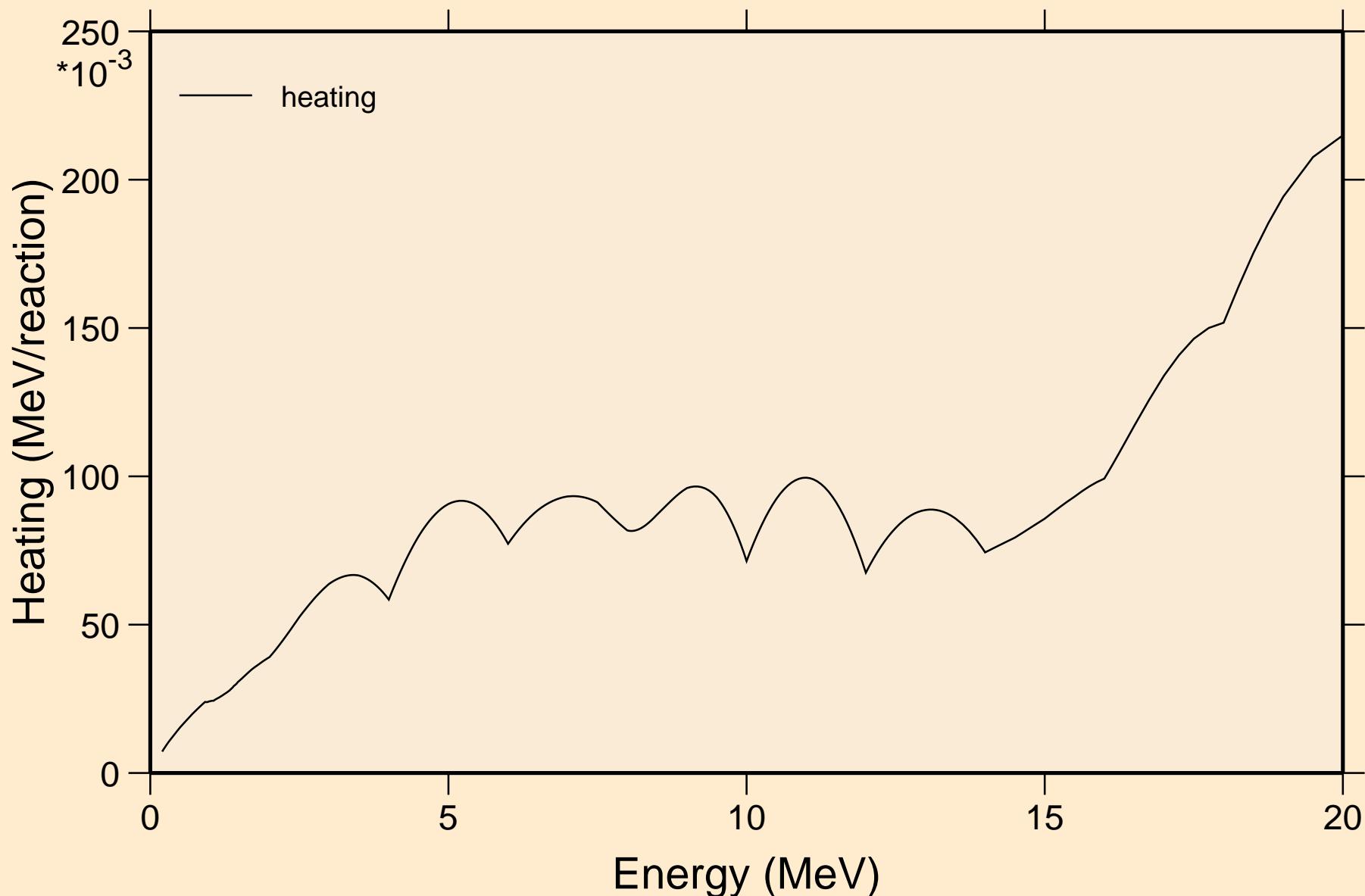


# JENDL-4 GD-160

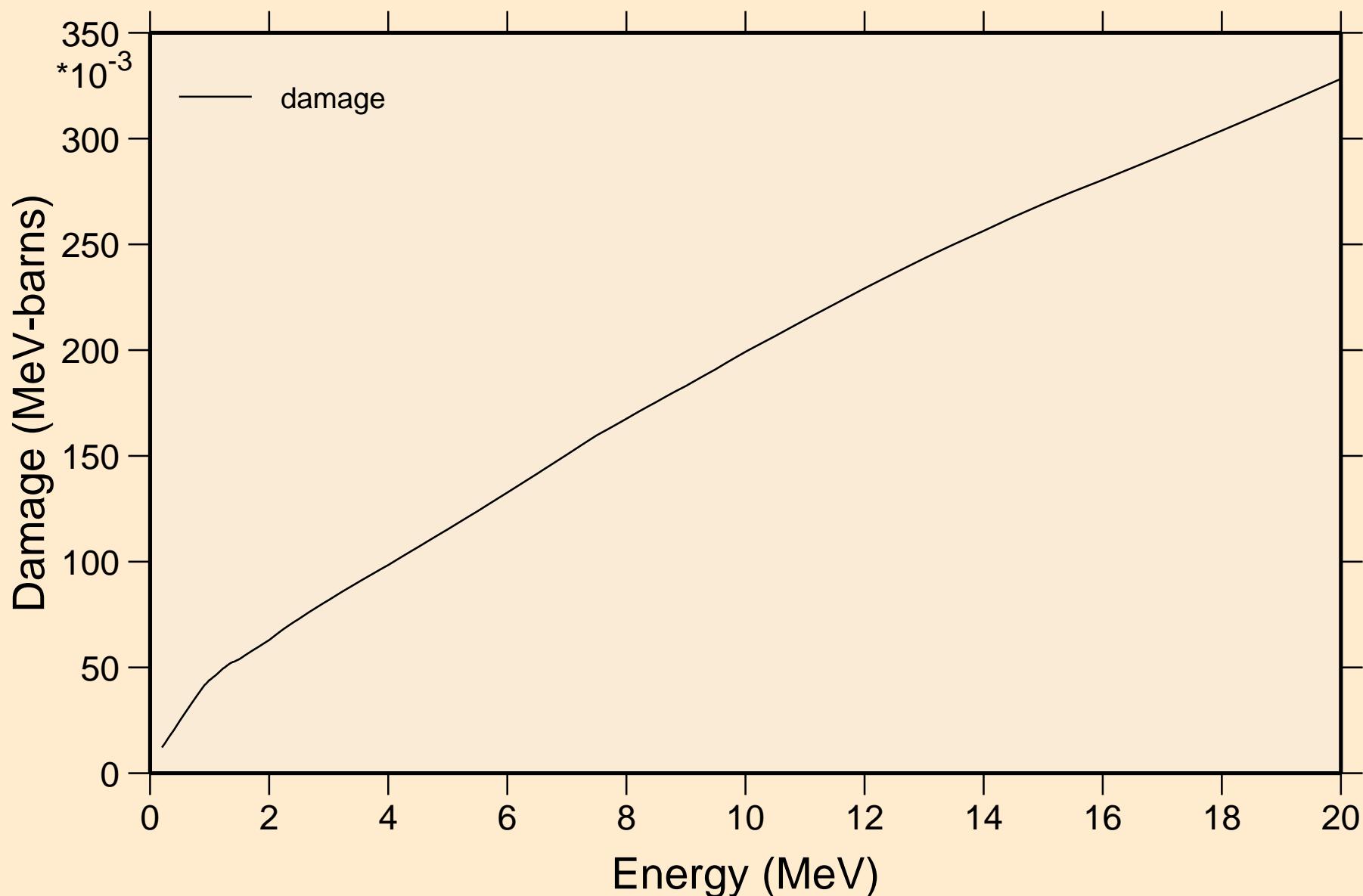
## Principal cross sections



JENDL-4 GD-160  
Heating

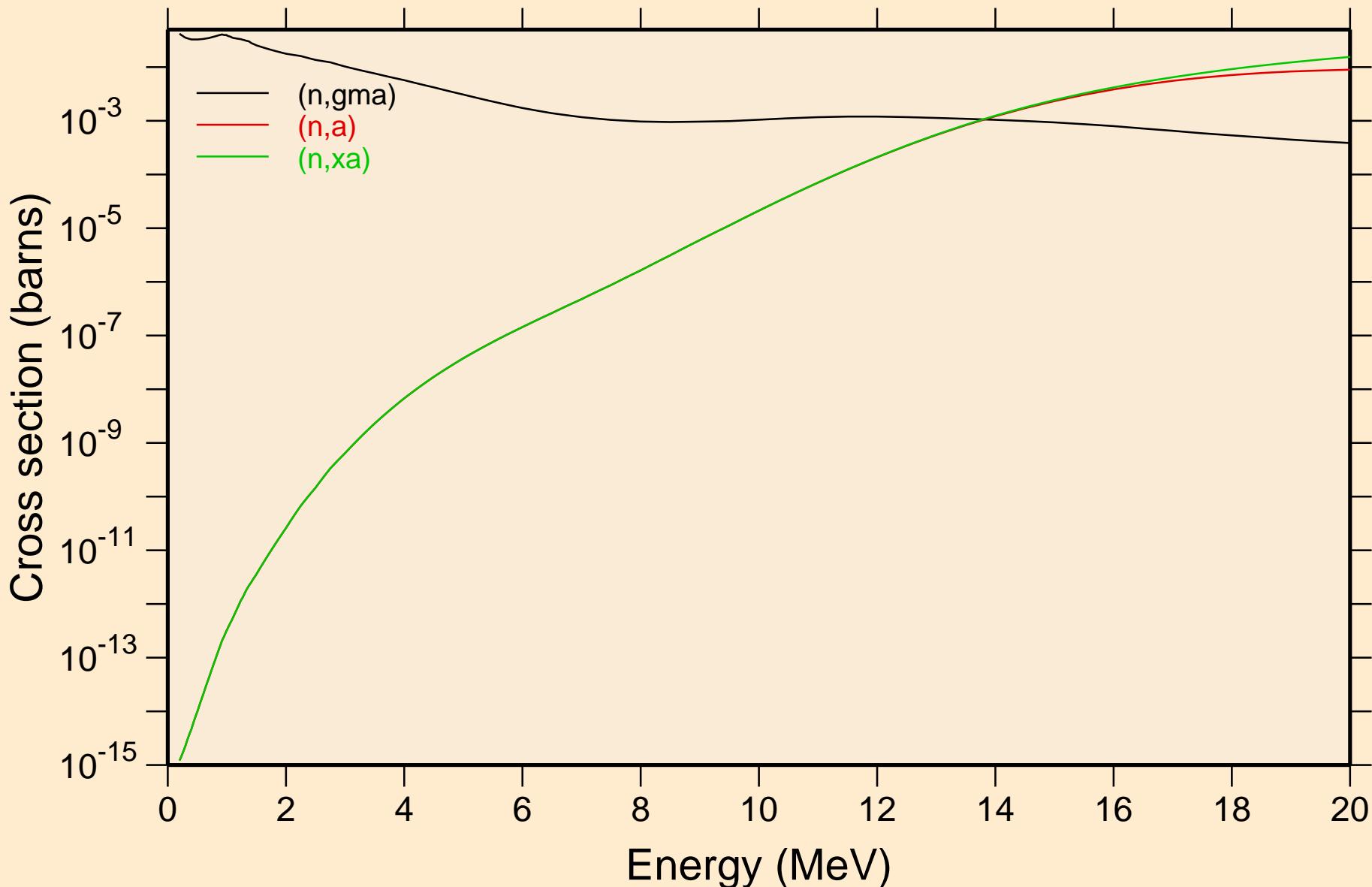


JENDL-4 GD-160  
Damage

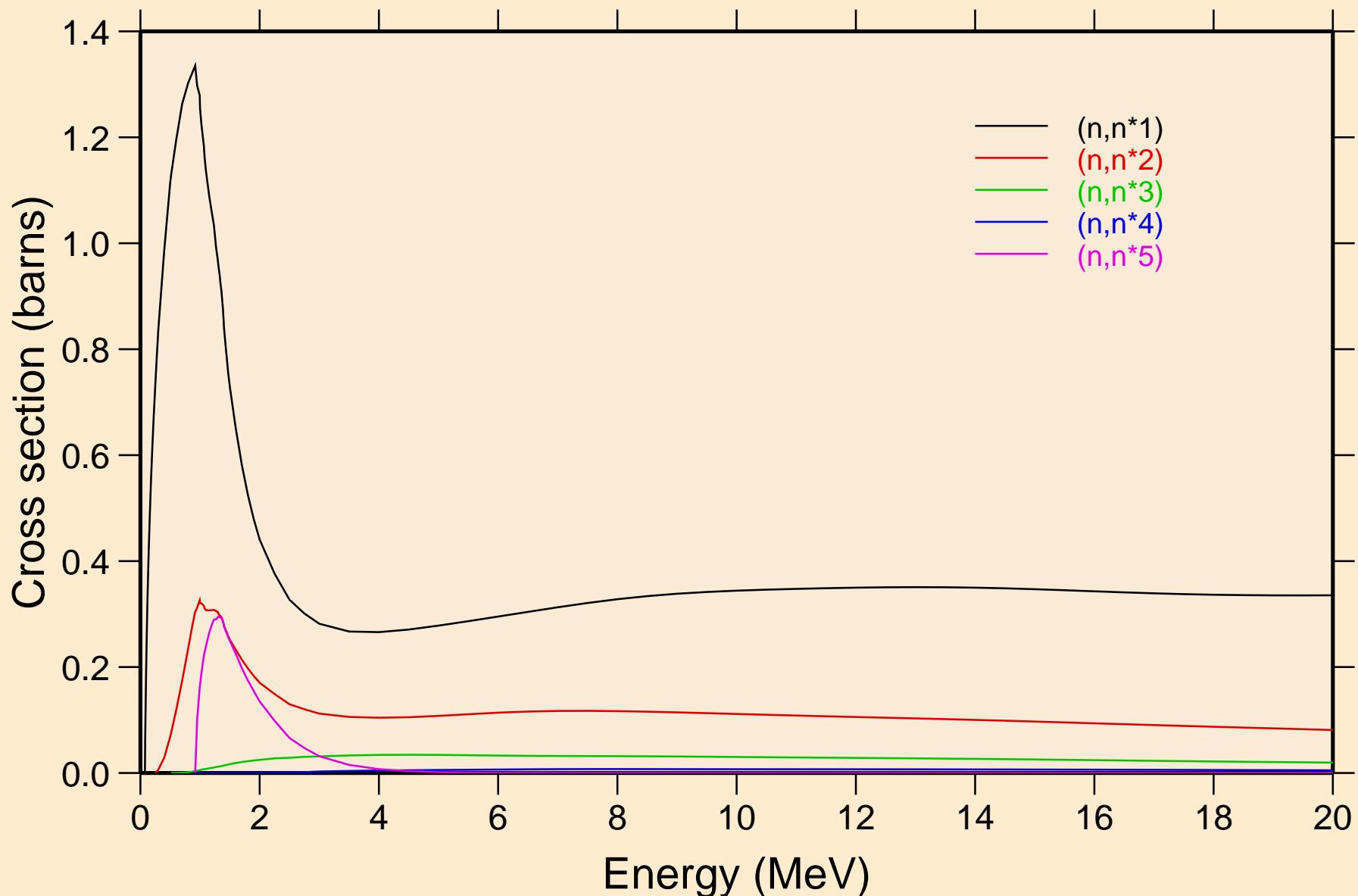


# JENDL-4 GD-160

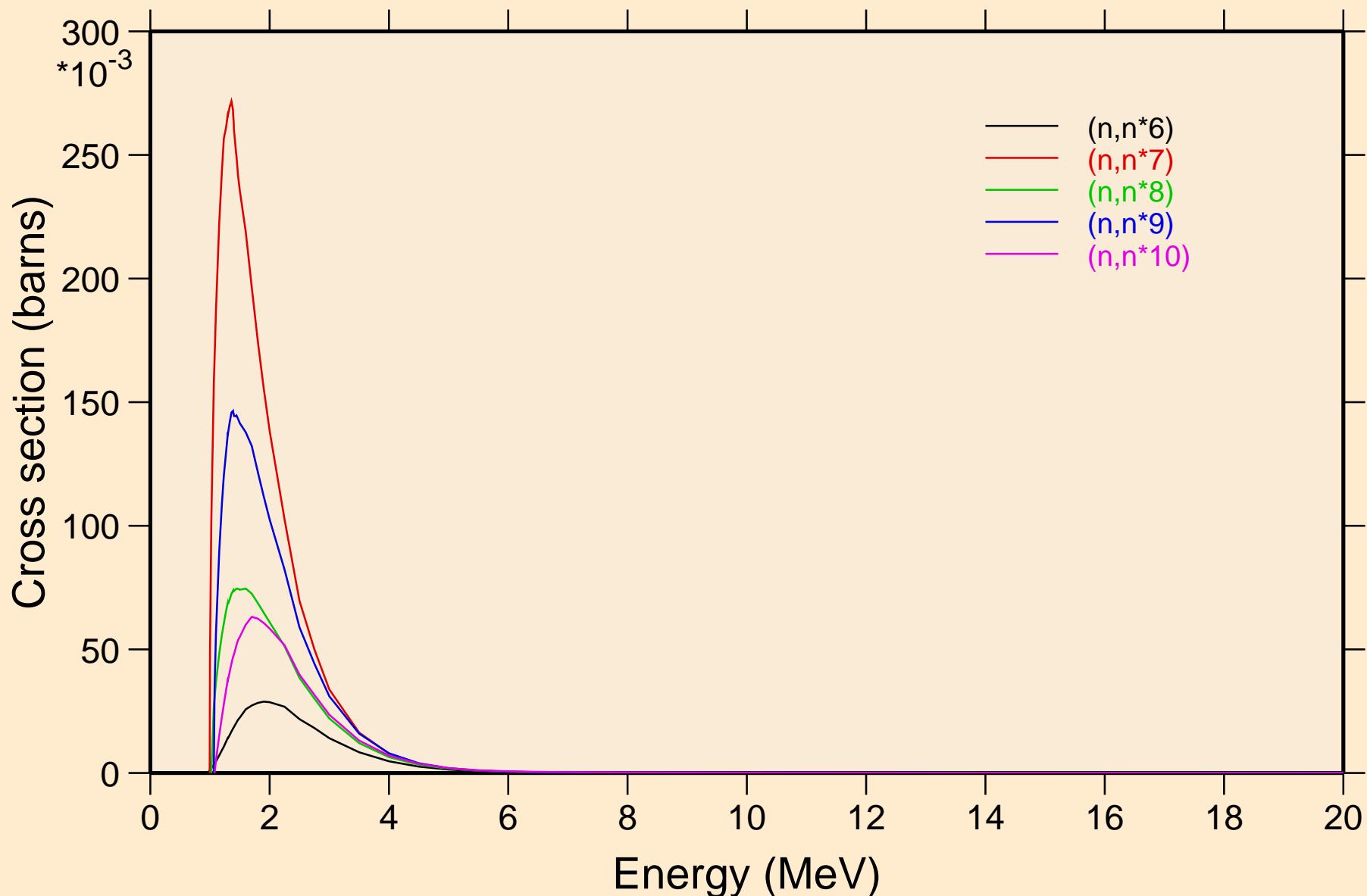
## Non-threshold reactions



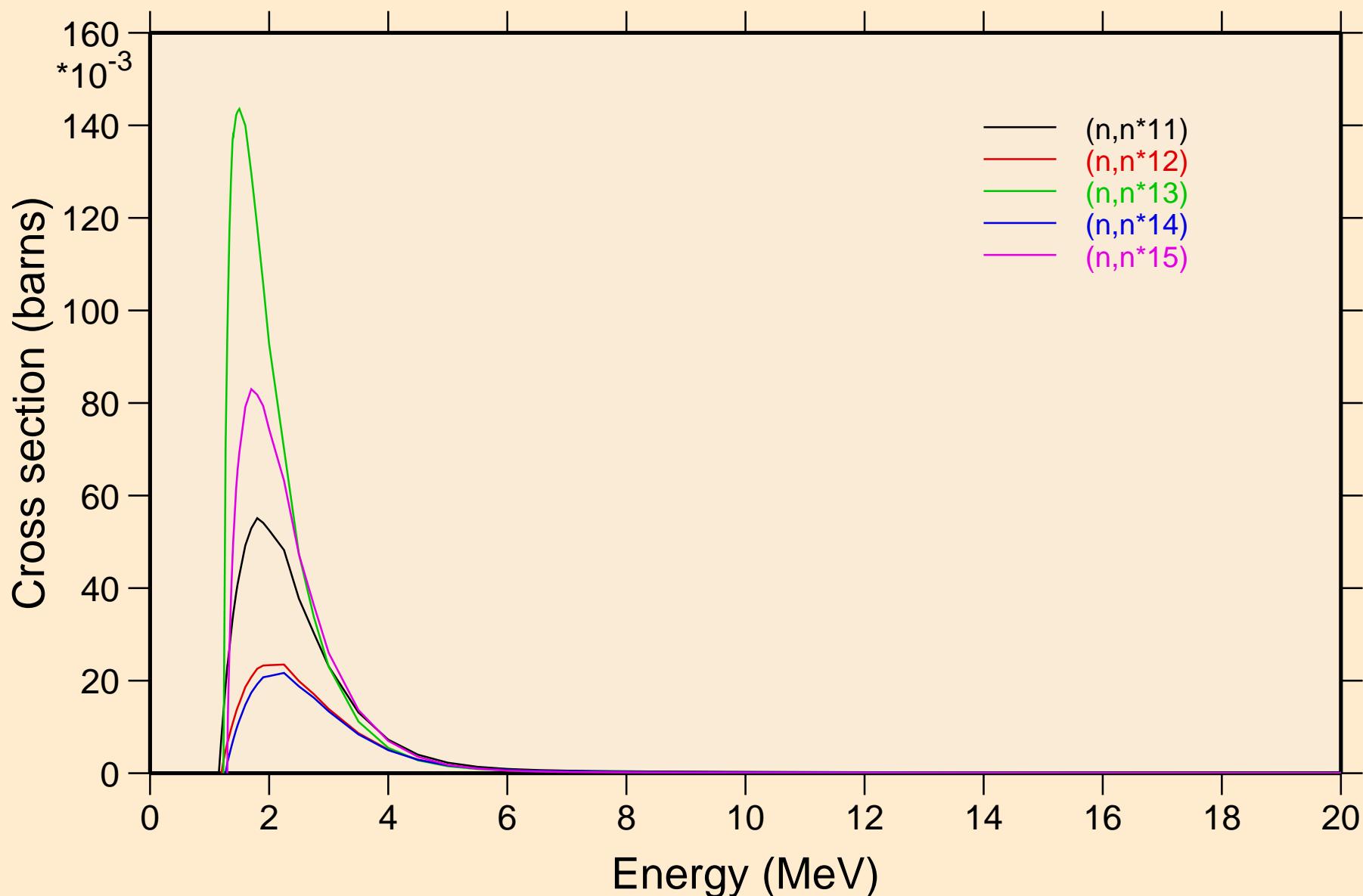
JENDL-4 GD-160  
Inelastic levels



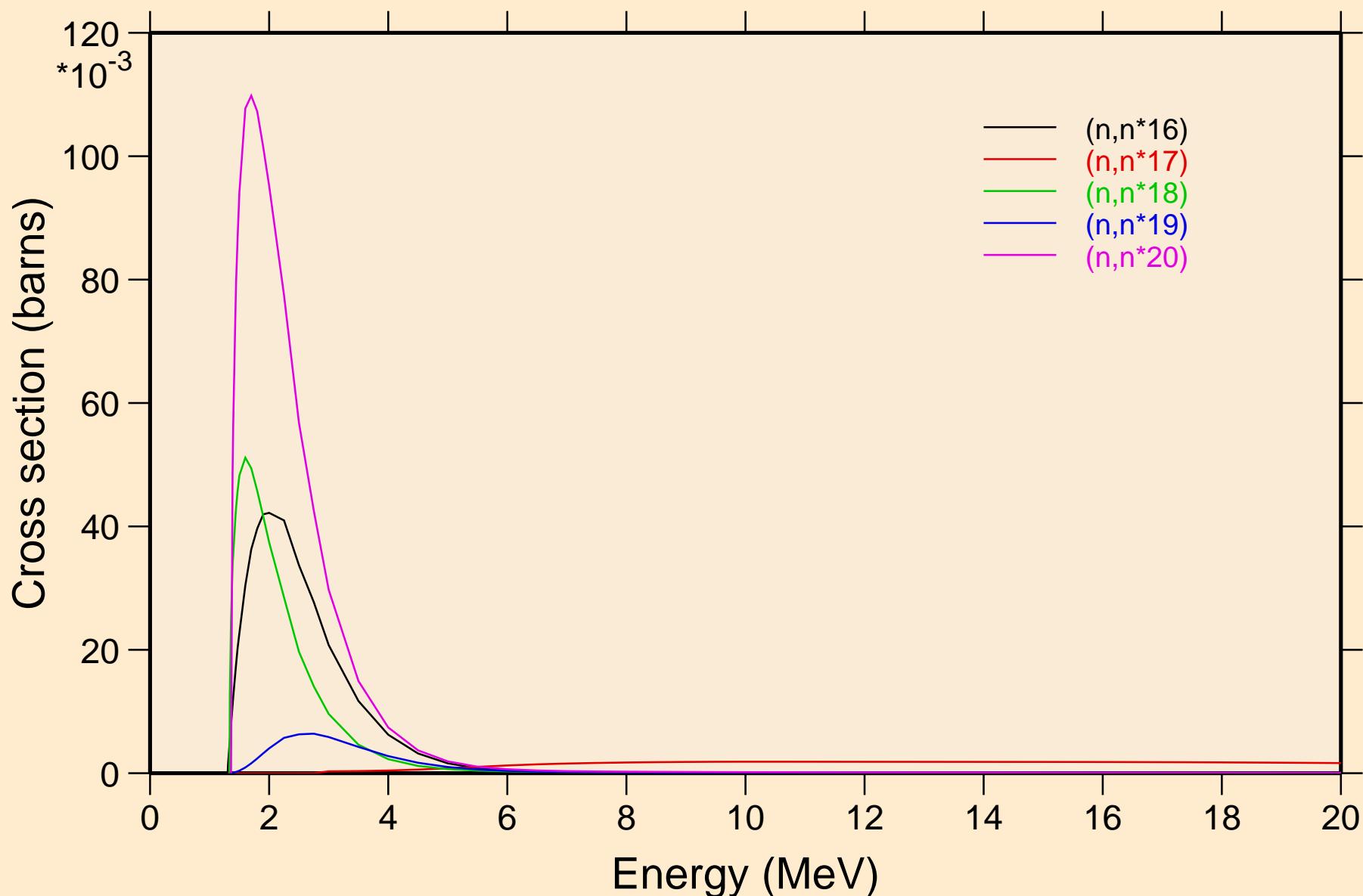
JENDL-4 GD-160  
Inelastic levels



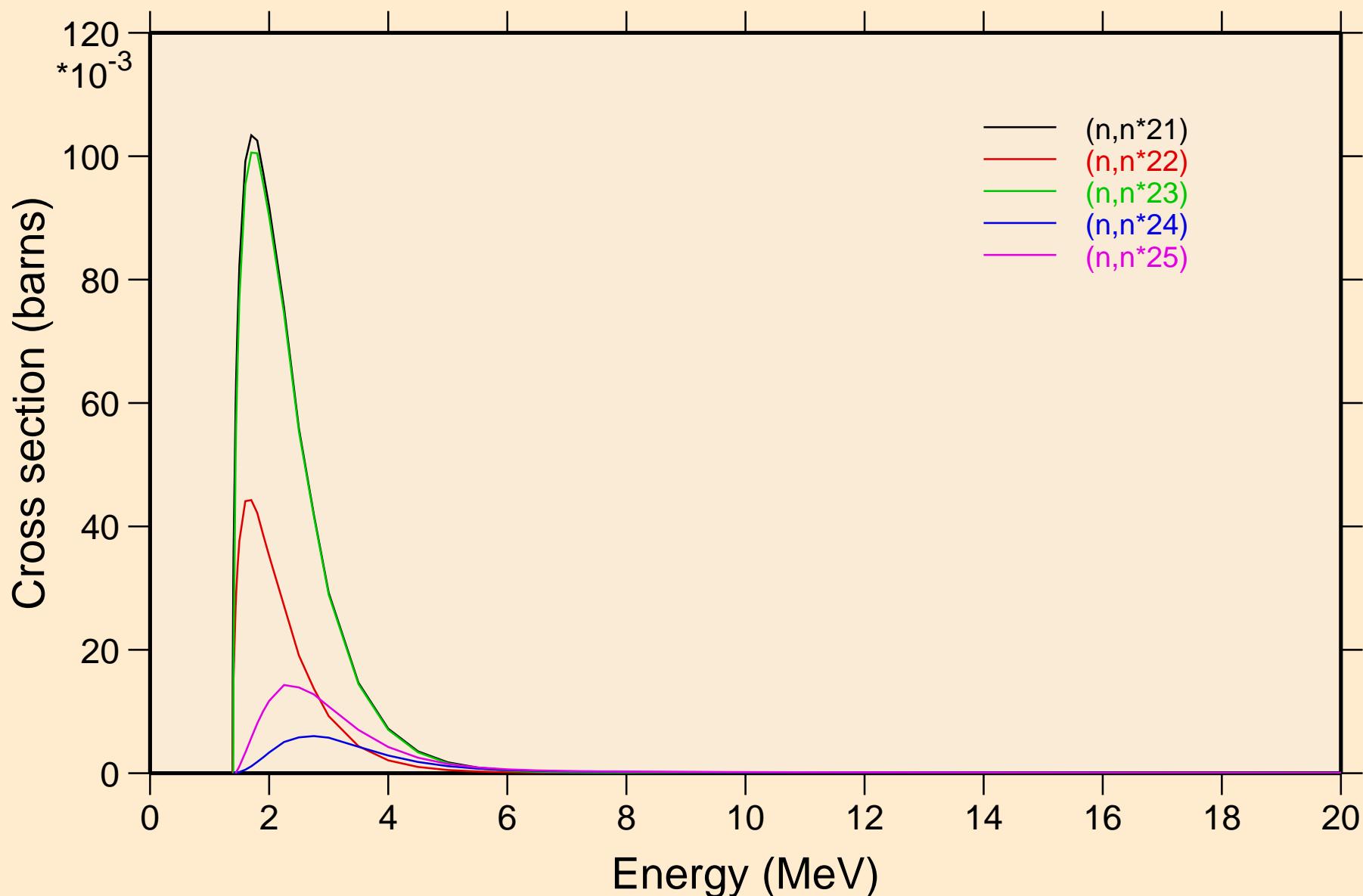
JENDL-4 GD-160  
Inelastic levels



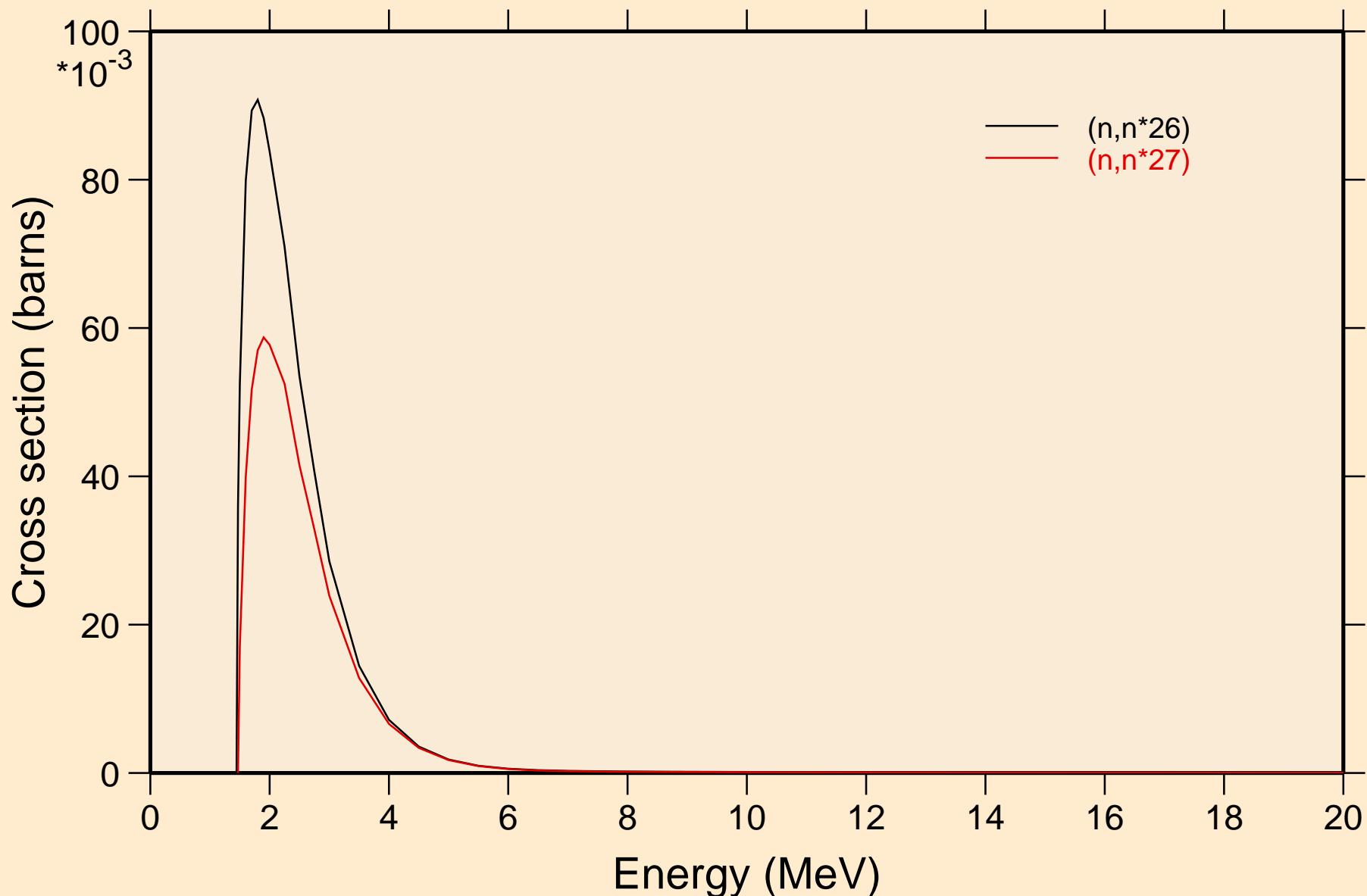
JENDL-4 GD-160  
Inelastic levels



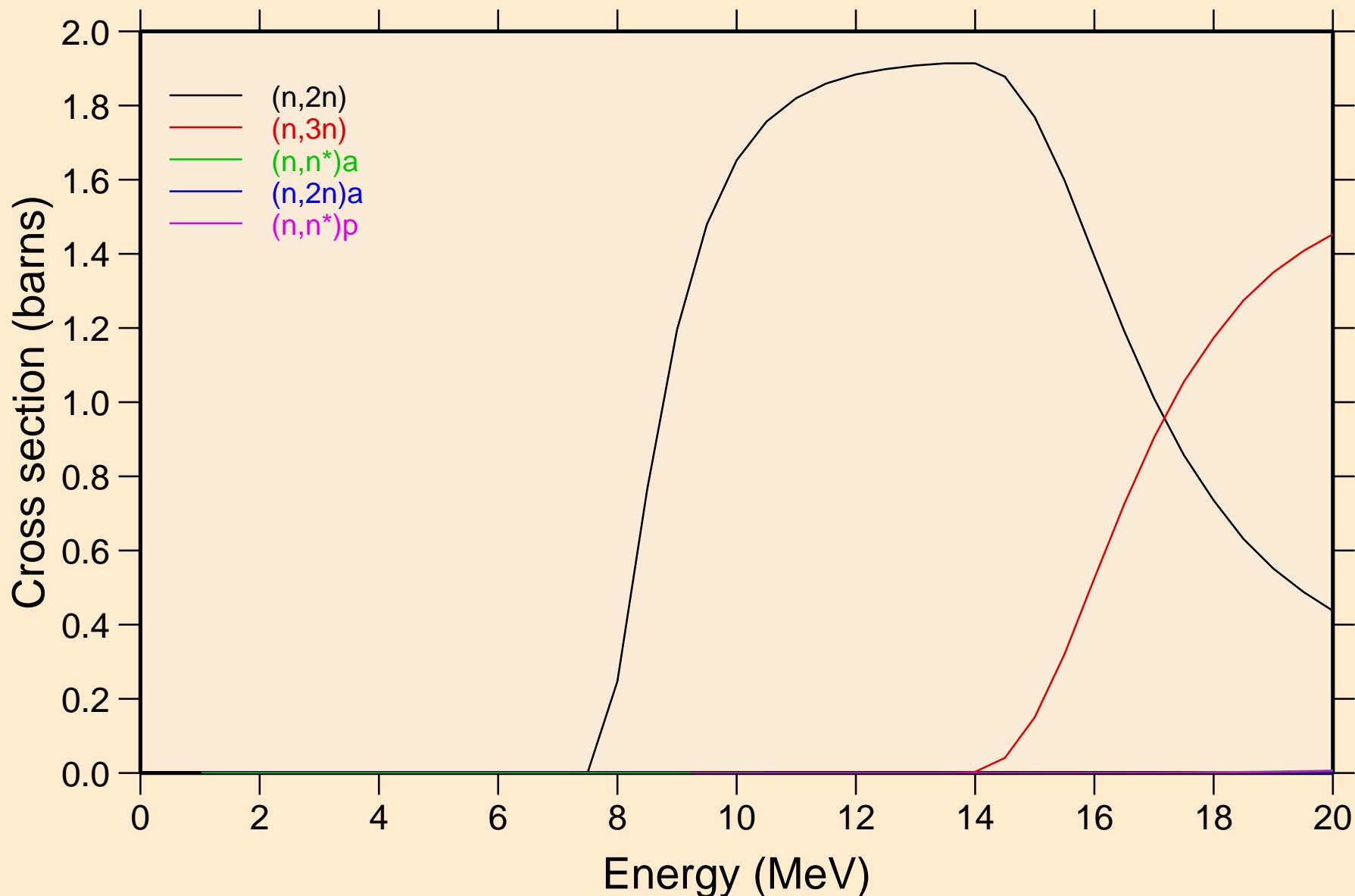
JENDL-4 GD-160  
Inelastic levels



JENDL-4 GD-160  
Inelastic levels

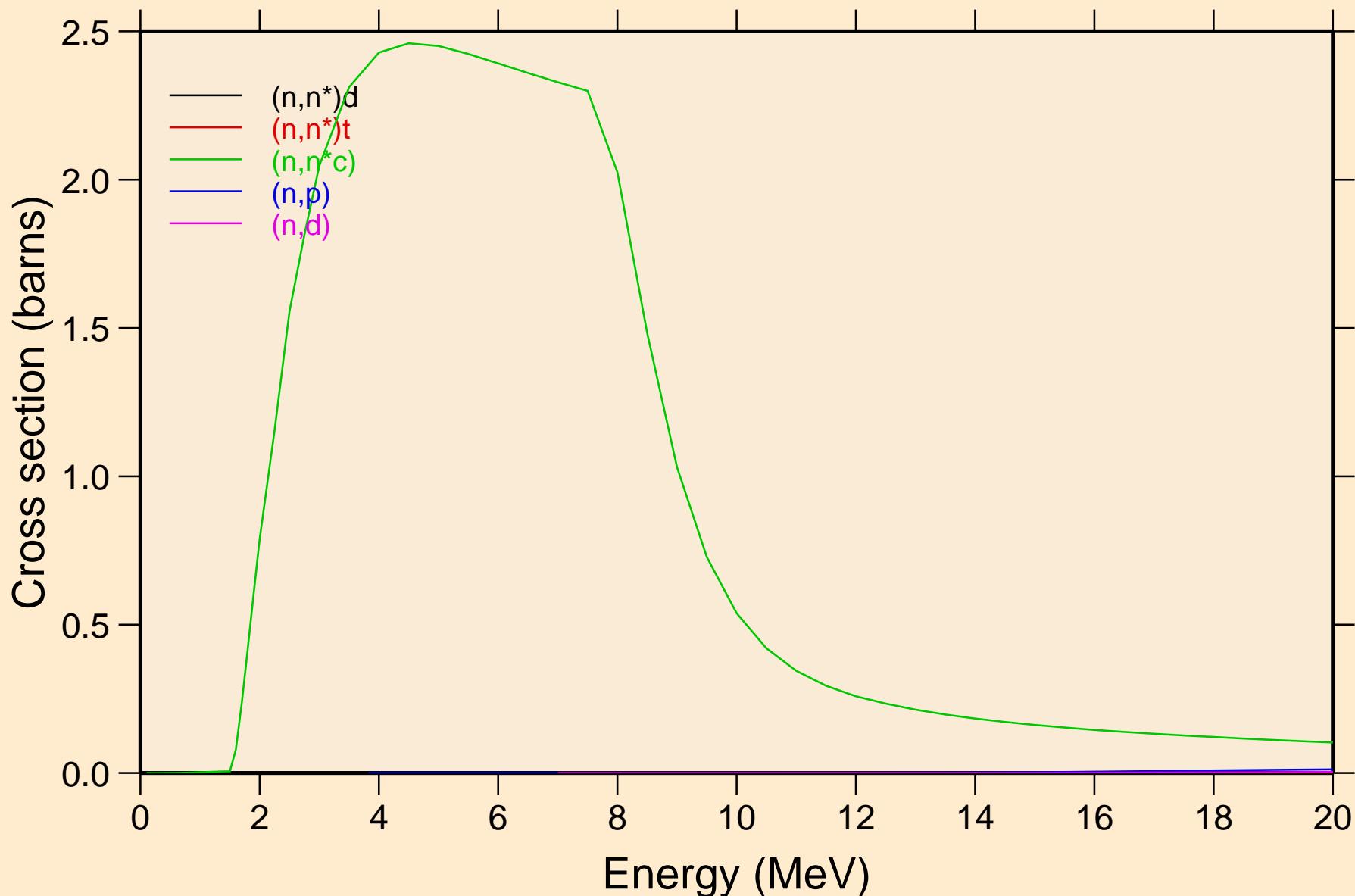


JENDL-4 GD-160  
Threshold reactions



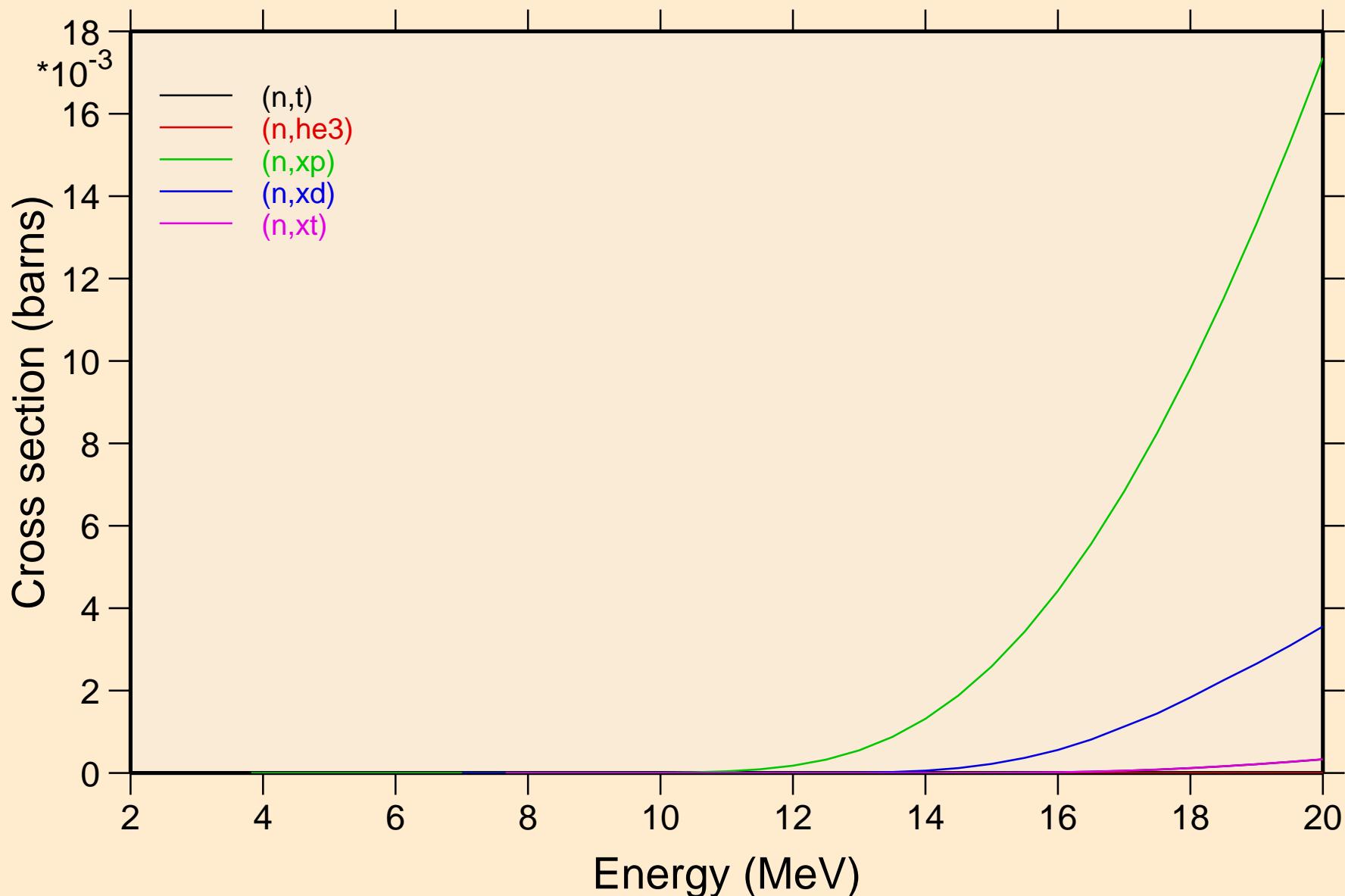
# JENDL-4 GD-160

## Threshold reactions

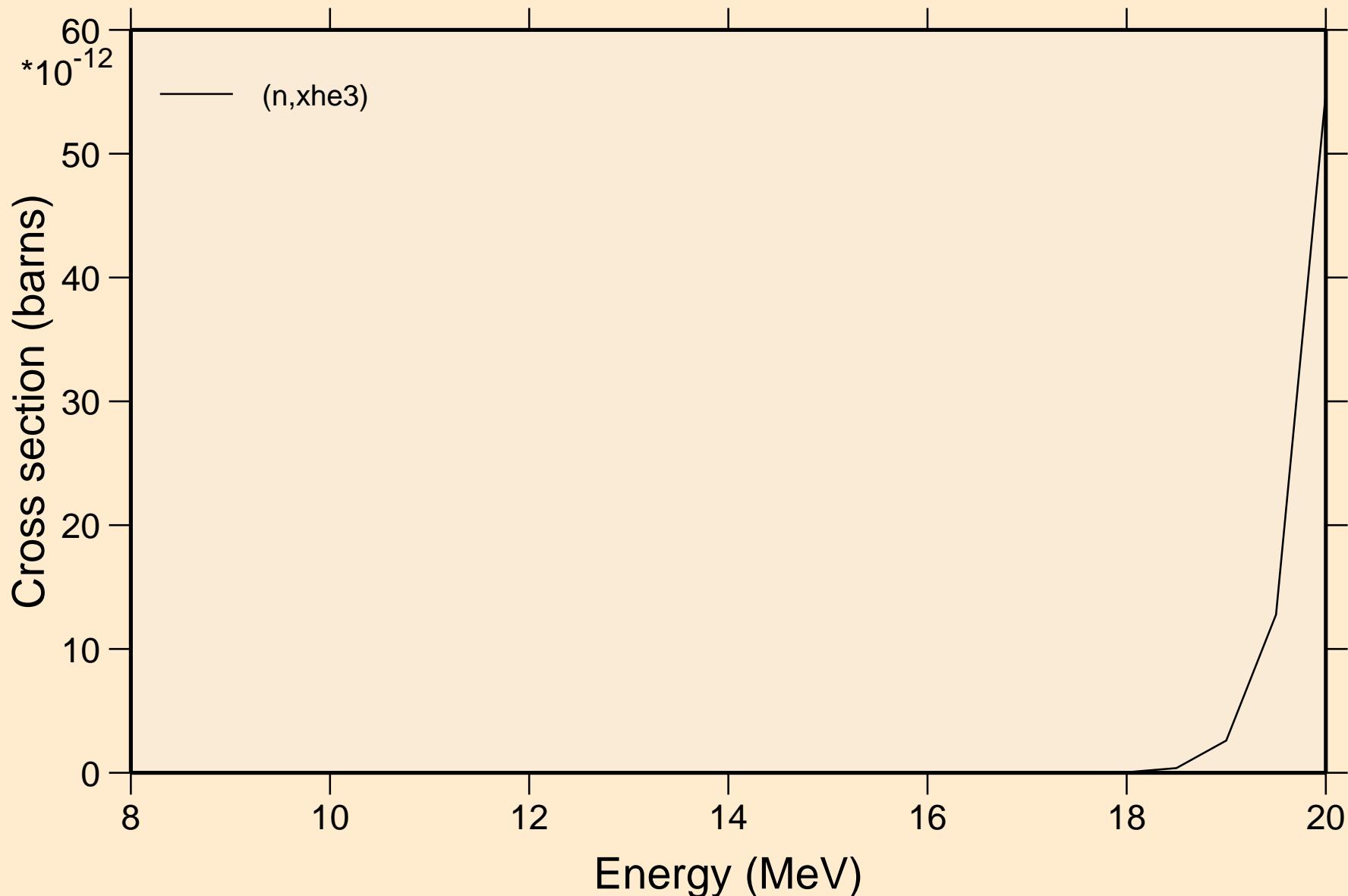


# JENDL-4 GD-160

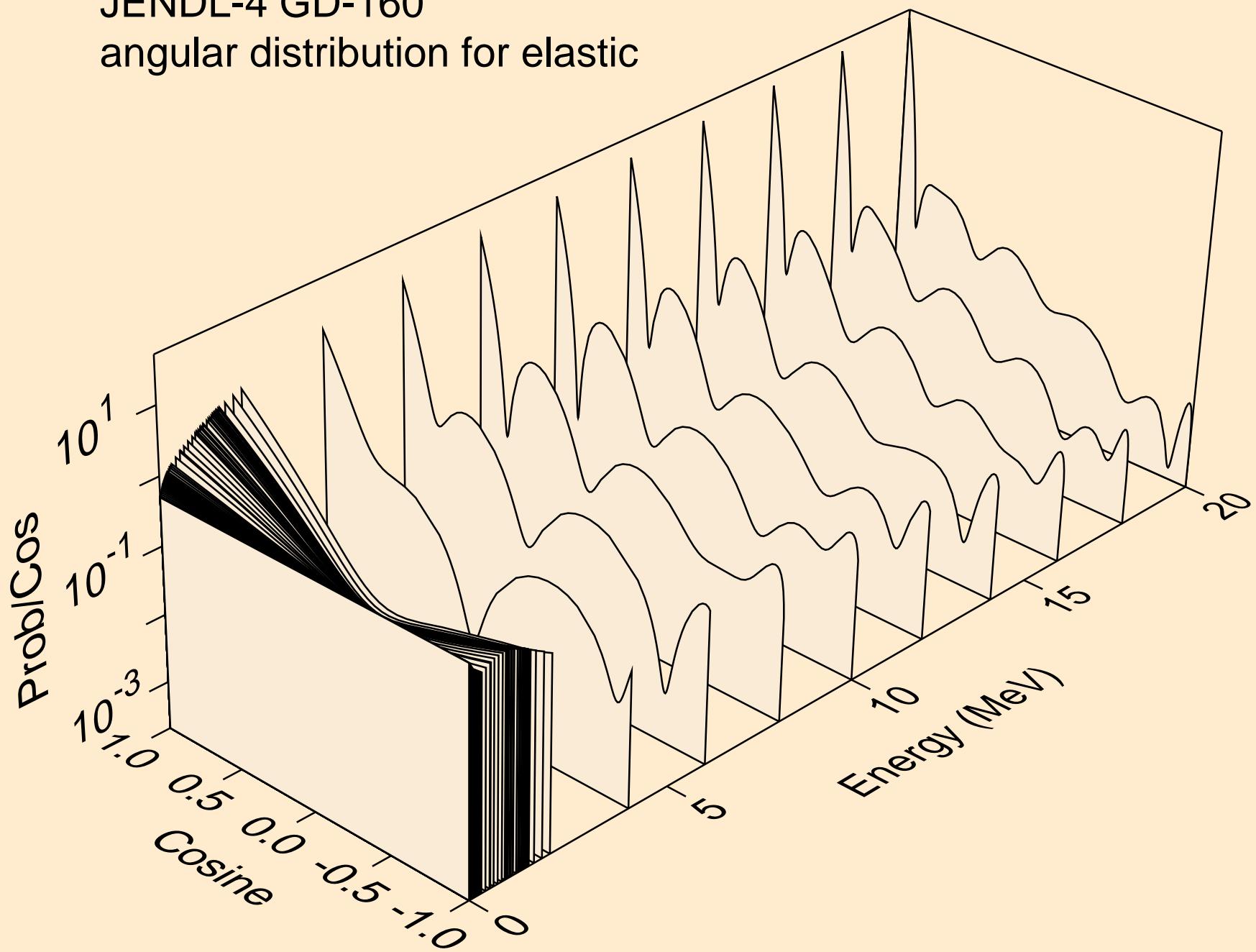
## Threshold reactions



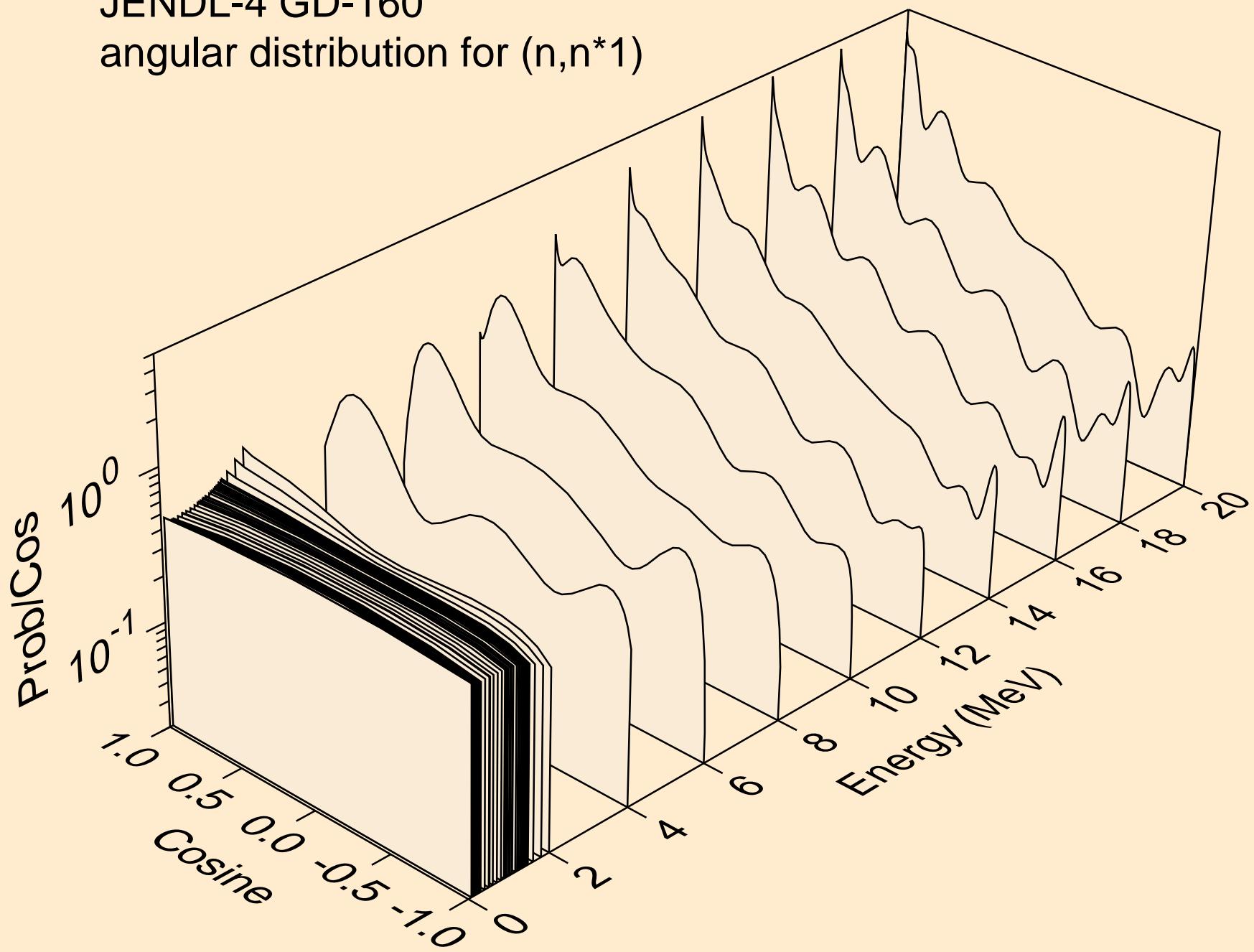
JENDL-4 GD-160  
Threshold reactions



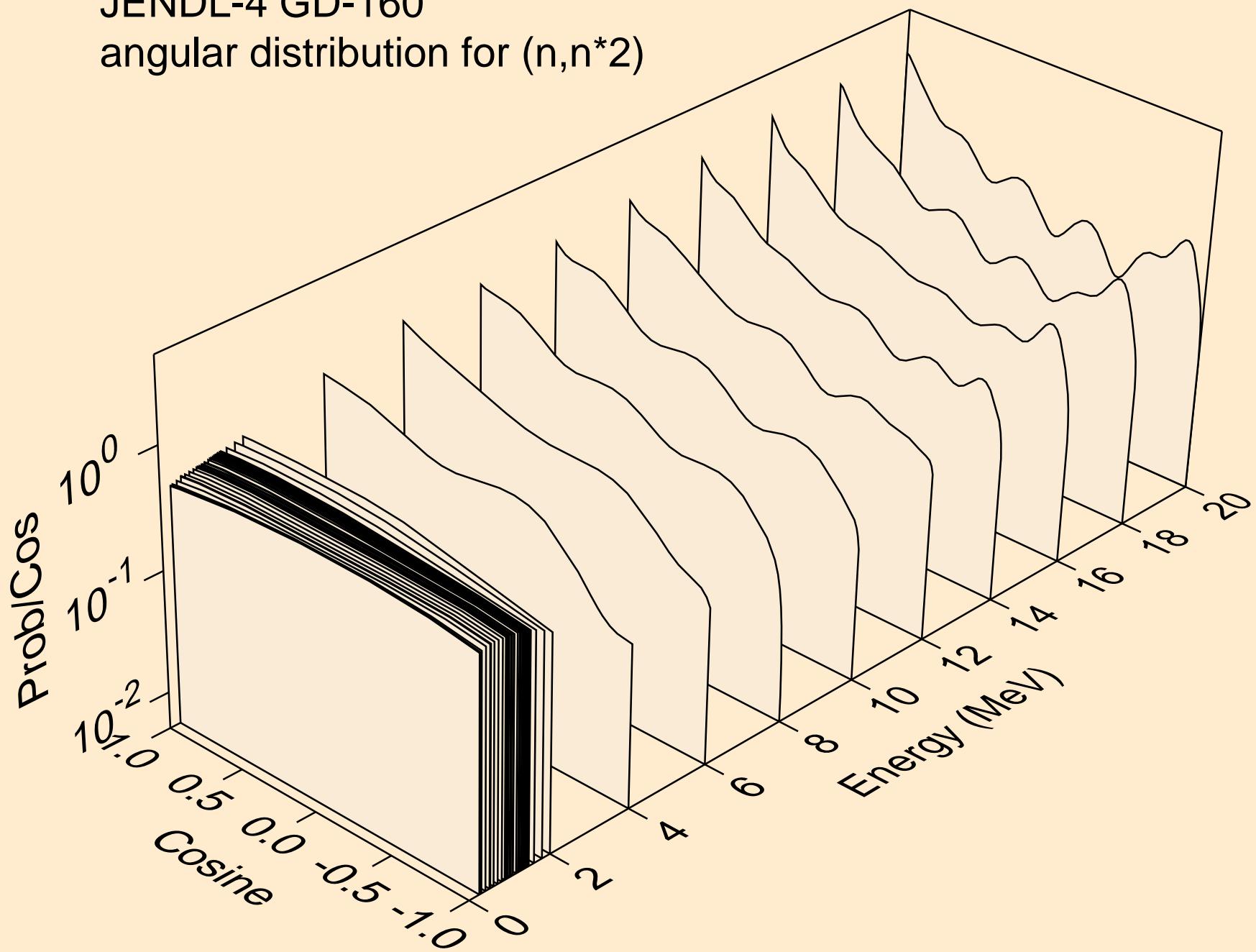
JENDL-4 GD-160  
angular distribution for elastic



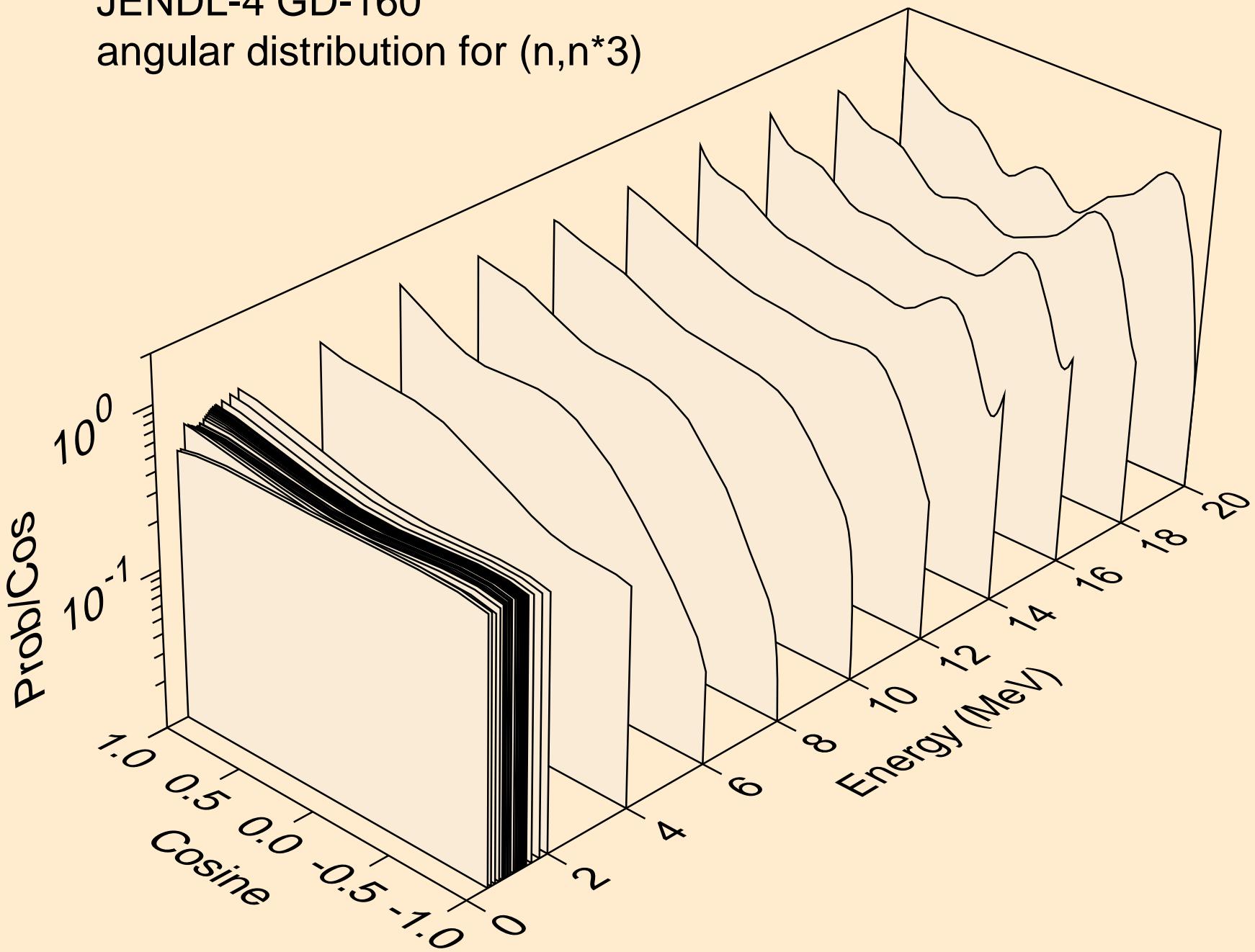
JENDL-4 GD-160  
angular distribution for (n,n\*1)



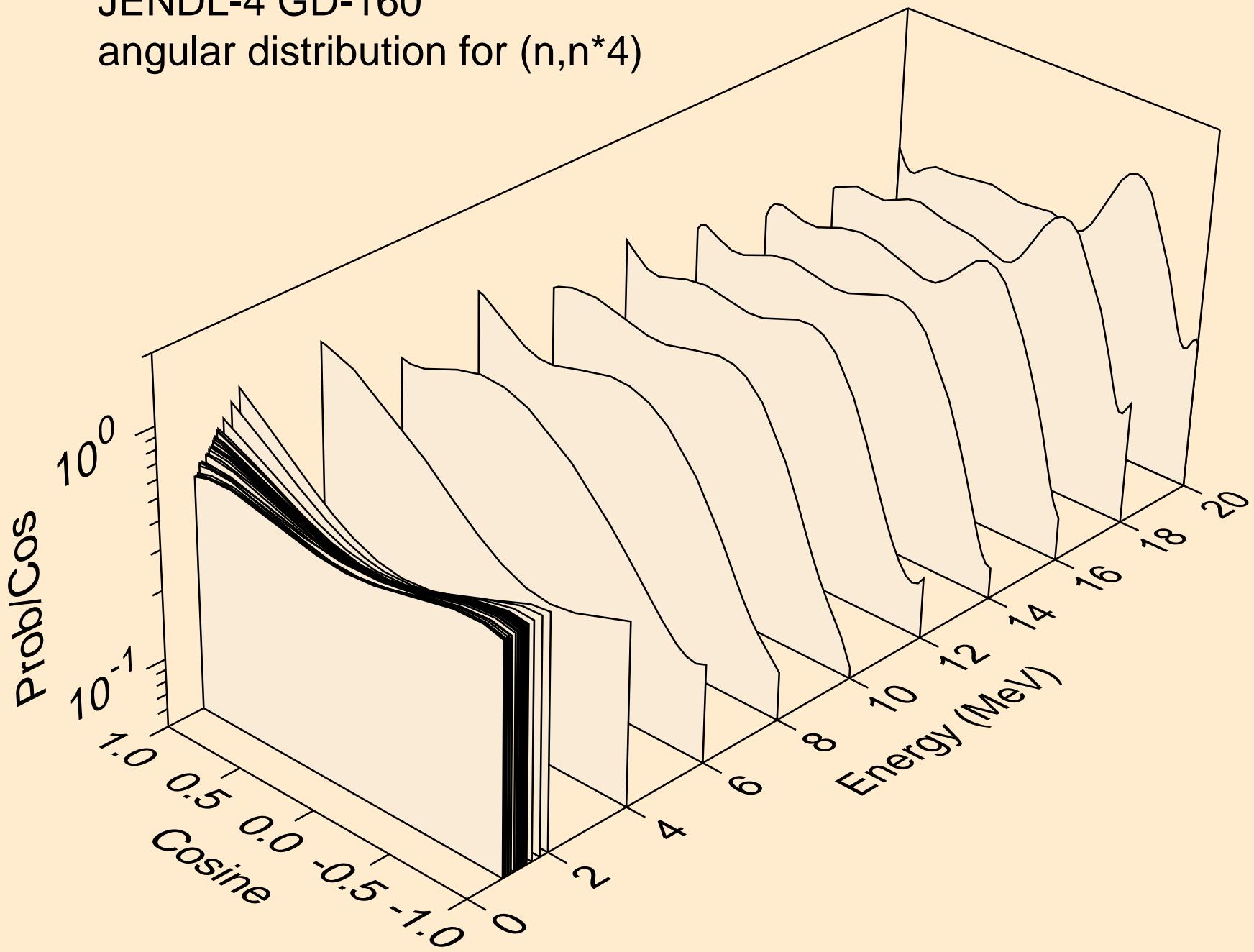
JENDL-4 GD-160  
angular distribution for  $(n,n^*)^2$



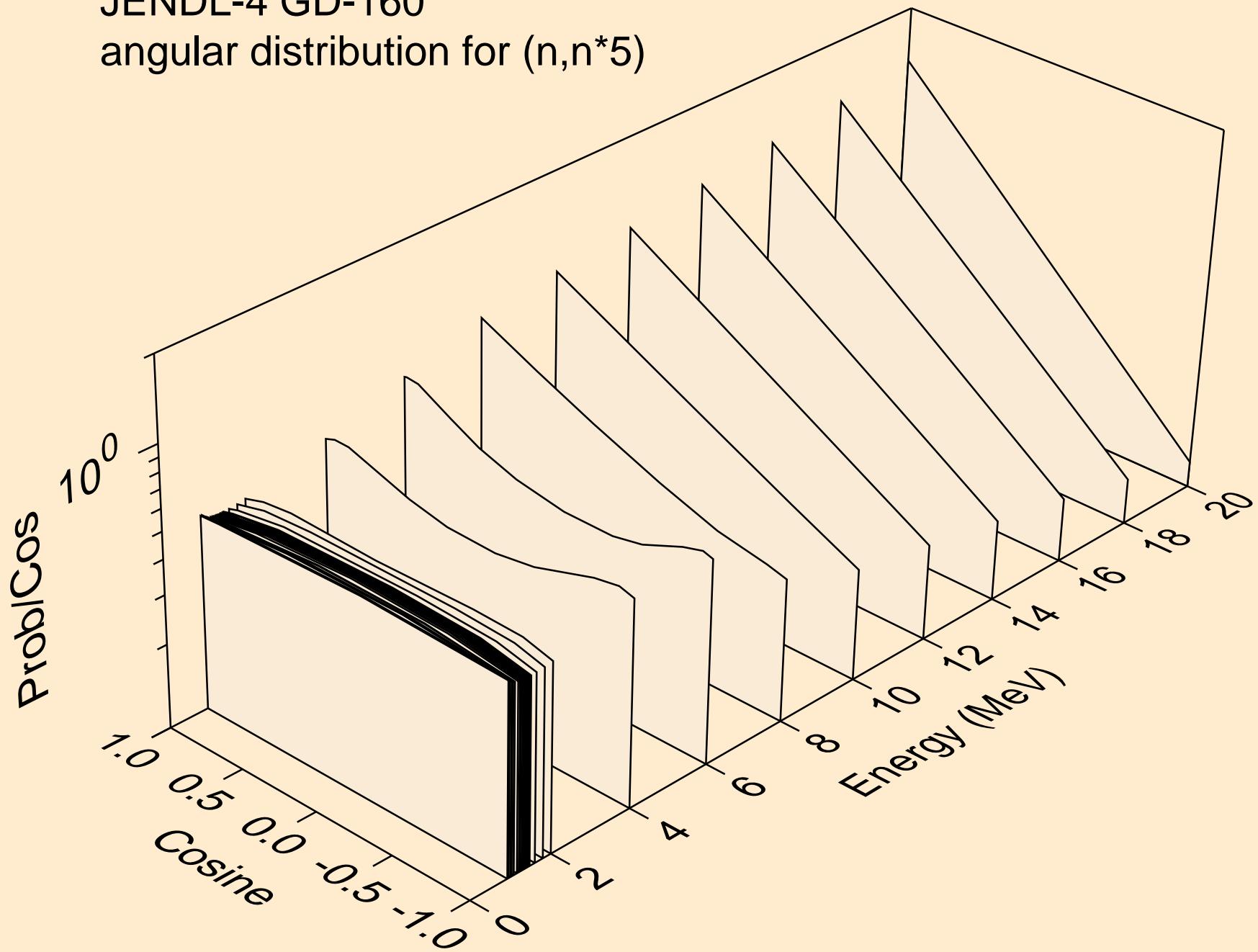
JENDL-4 GD-160  
angular distribution for  $(n,n^*3)$



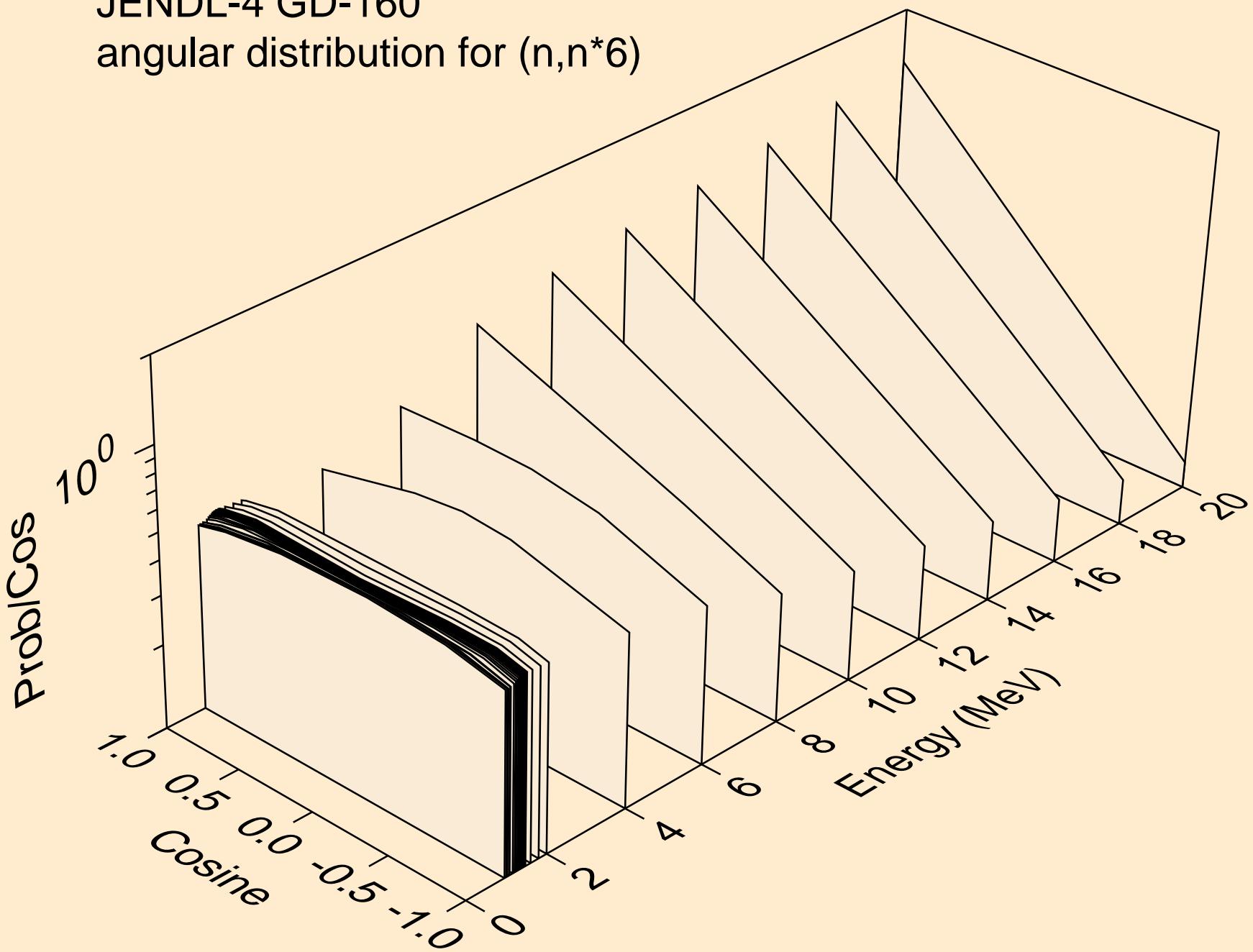
JENDL-4 GD-160  
angular distribution for  $(n,n^*4)$



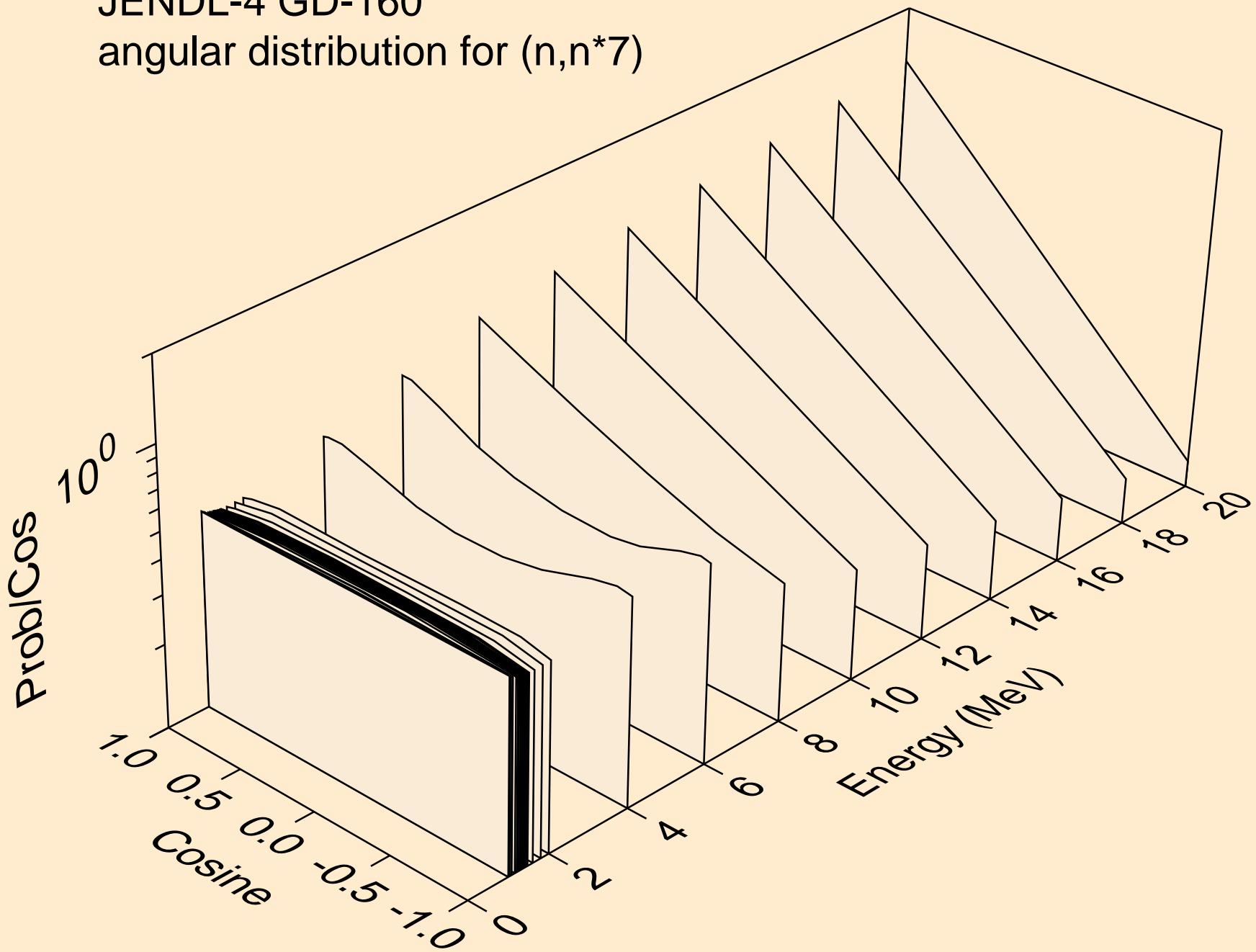
JENDL-4 GD-160  
angular distribution for  $(n,n^*)5$



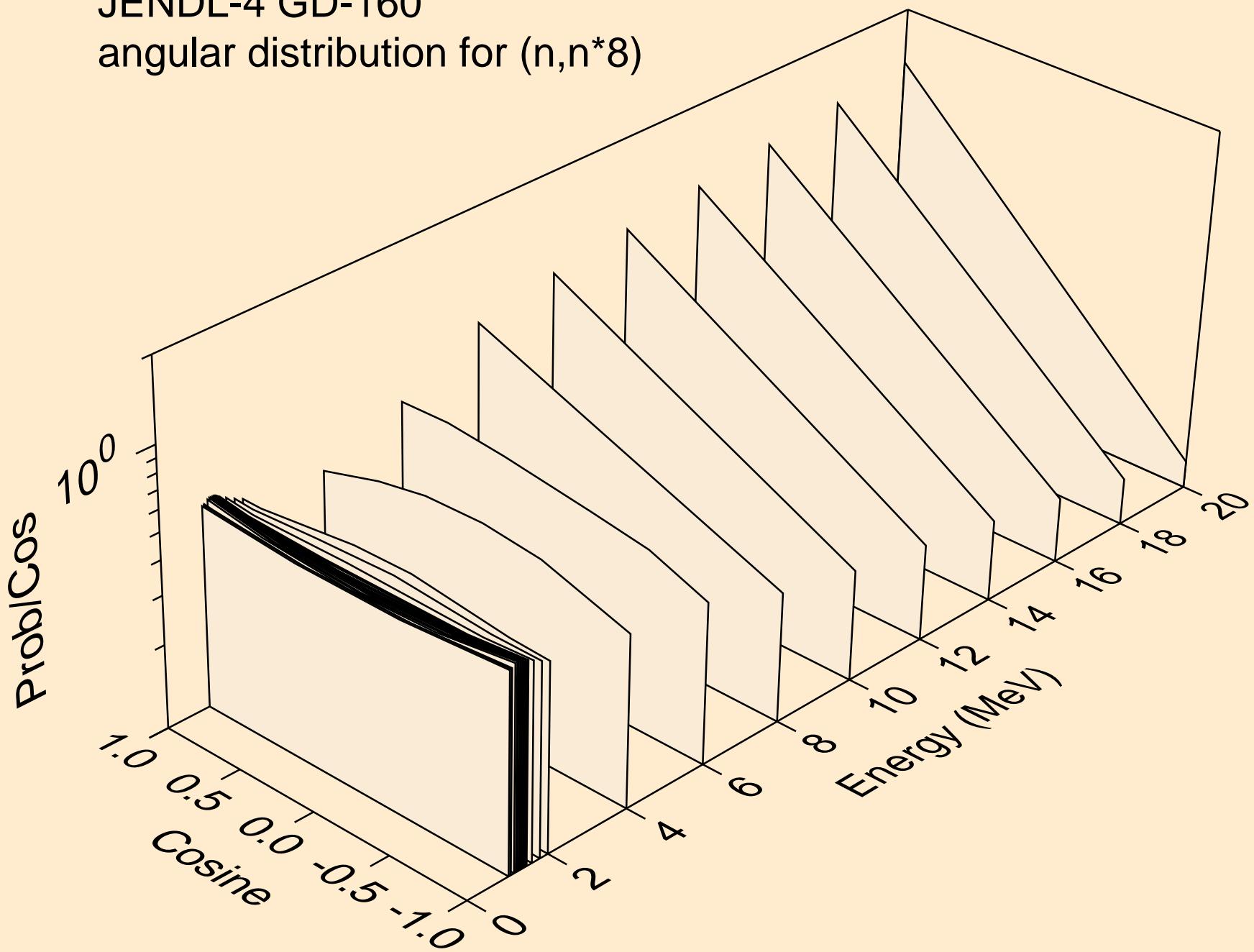
JENDL-4 GD-160  
angular distribution for  $(n,n^*6)$



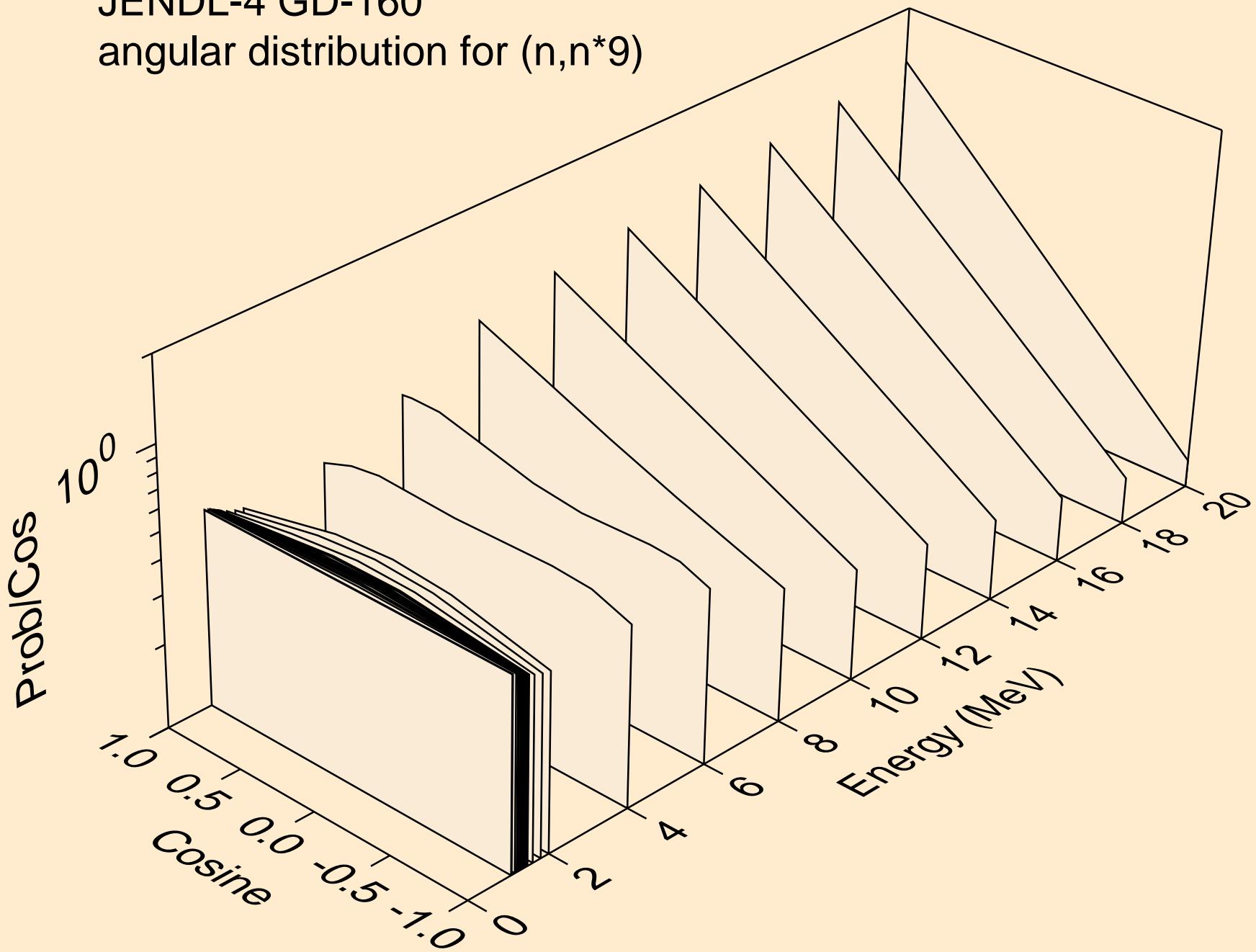
JENDL-4 GD-160  
angular distribution for  $(n,n^*7)$



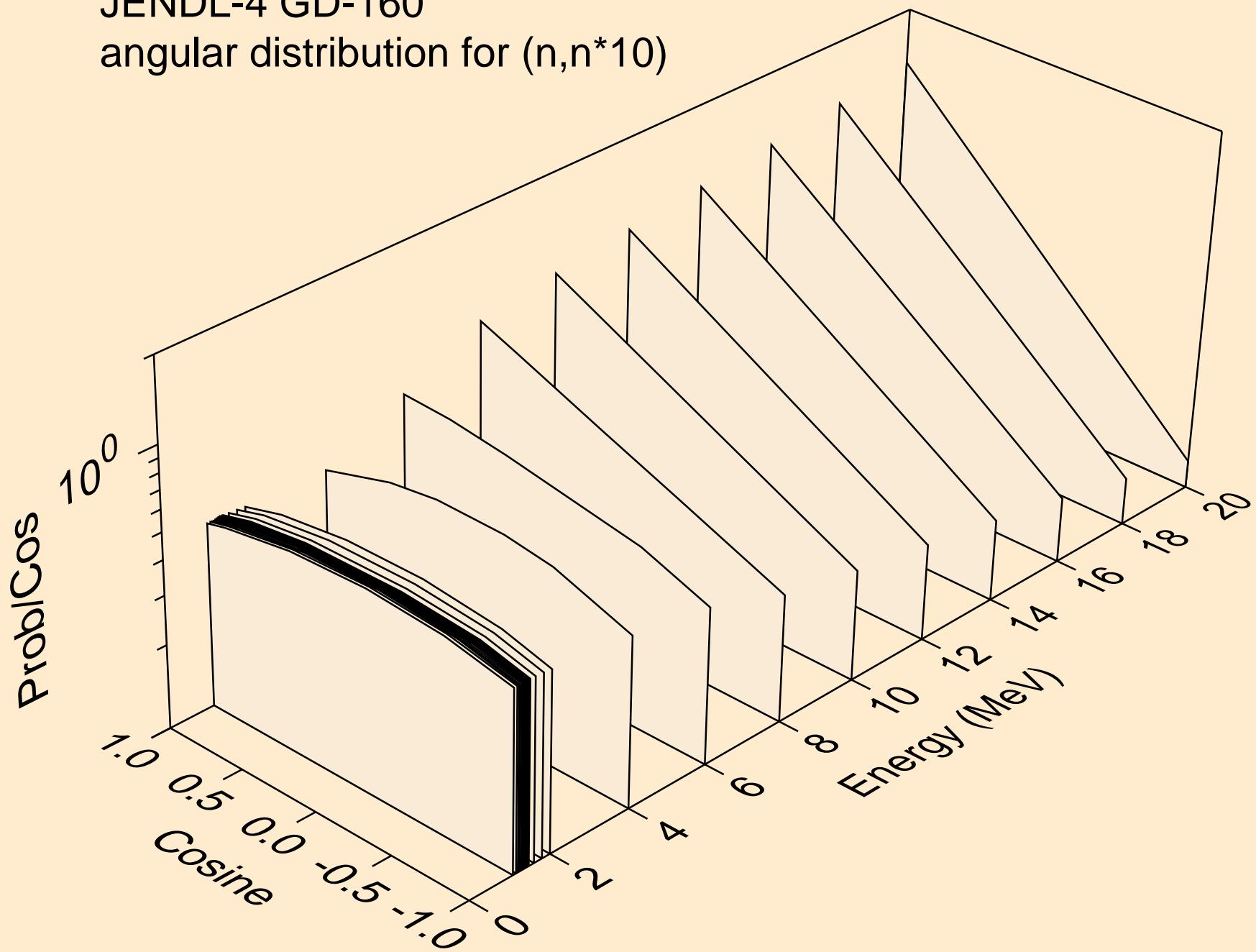
JENDL-4 GD-160  
angular distribution for  $(n,n^*8)$



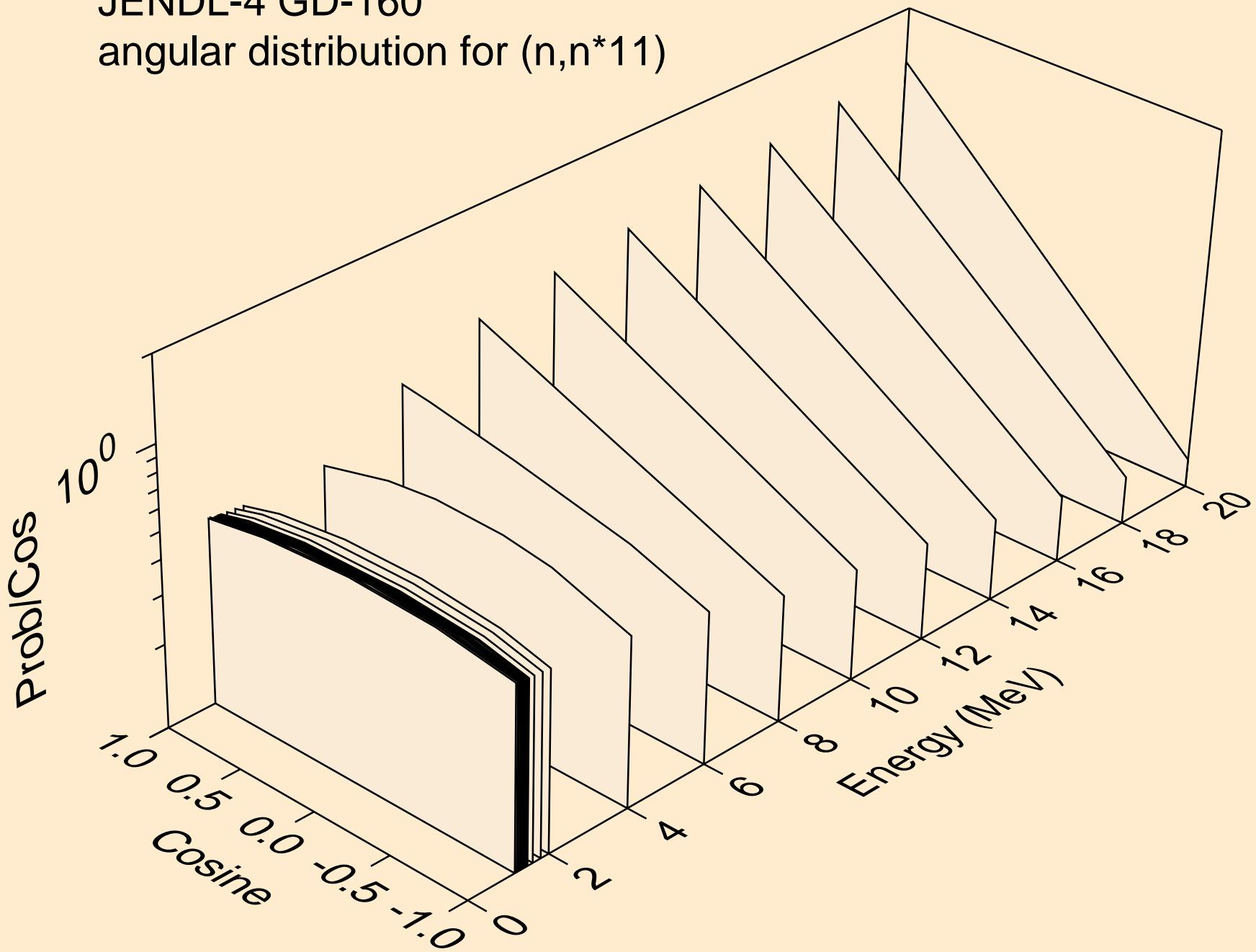
JENDL-4 GD-160  
angular distribution for  $(n,n^*9)$



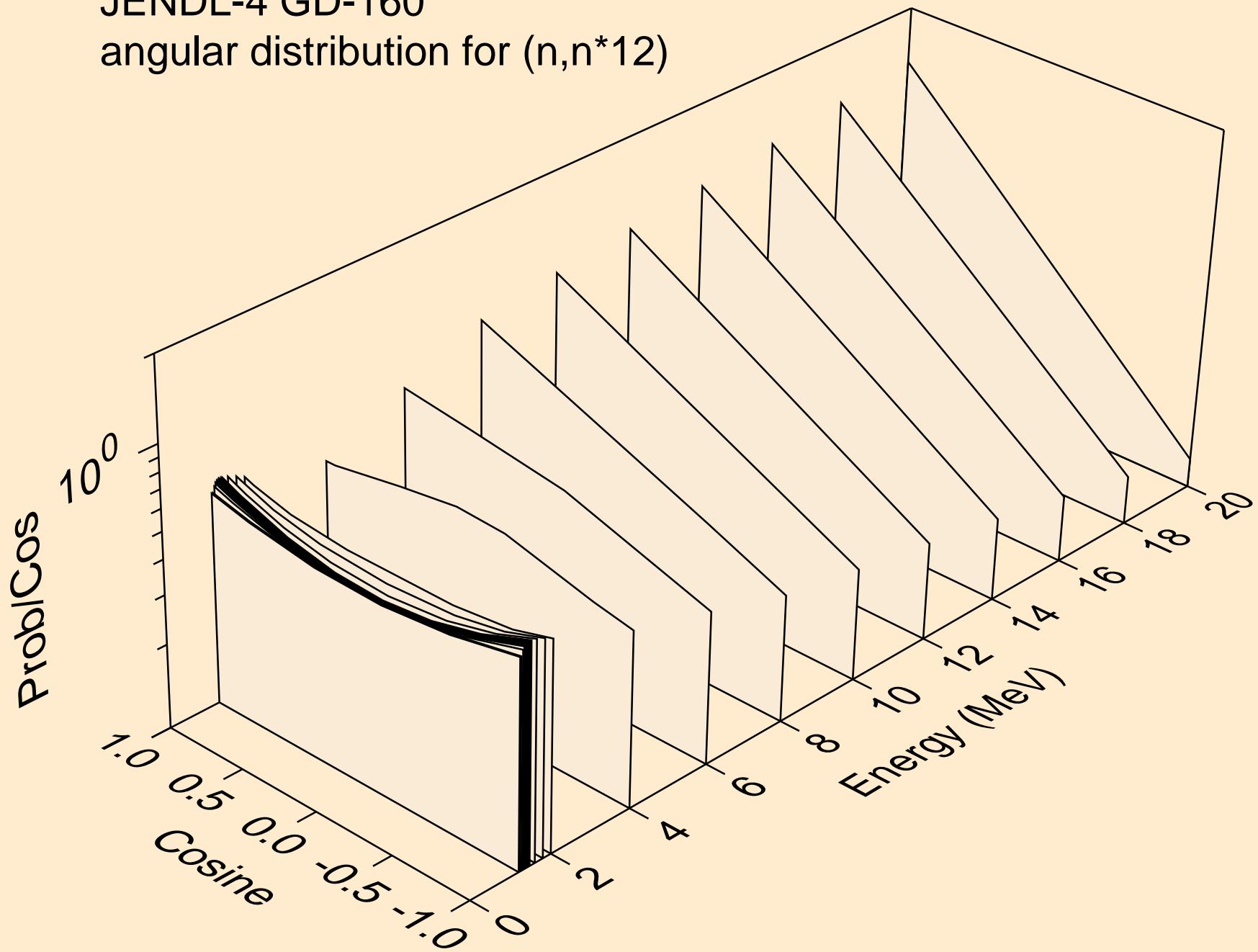
JENDL-4 GD-160  
angular distribution for (n,n\*10)



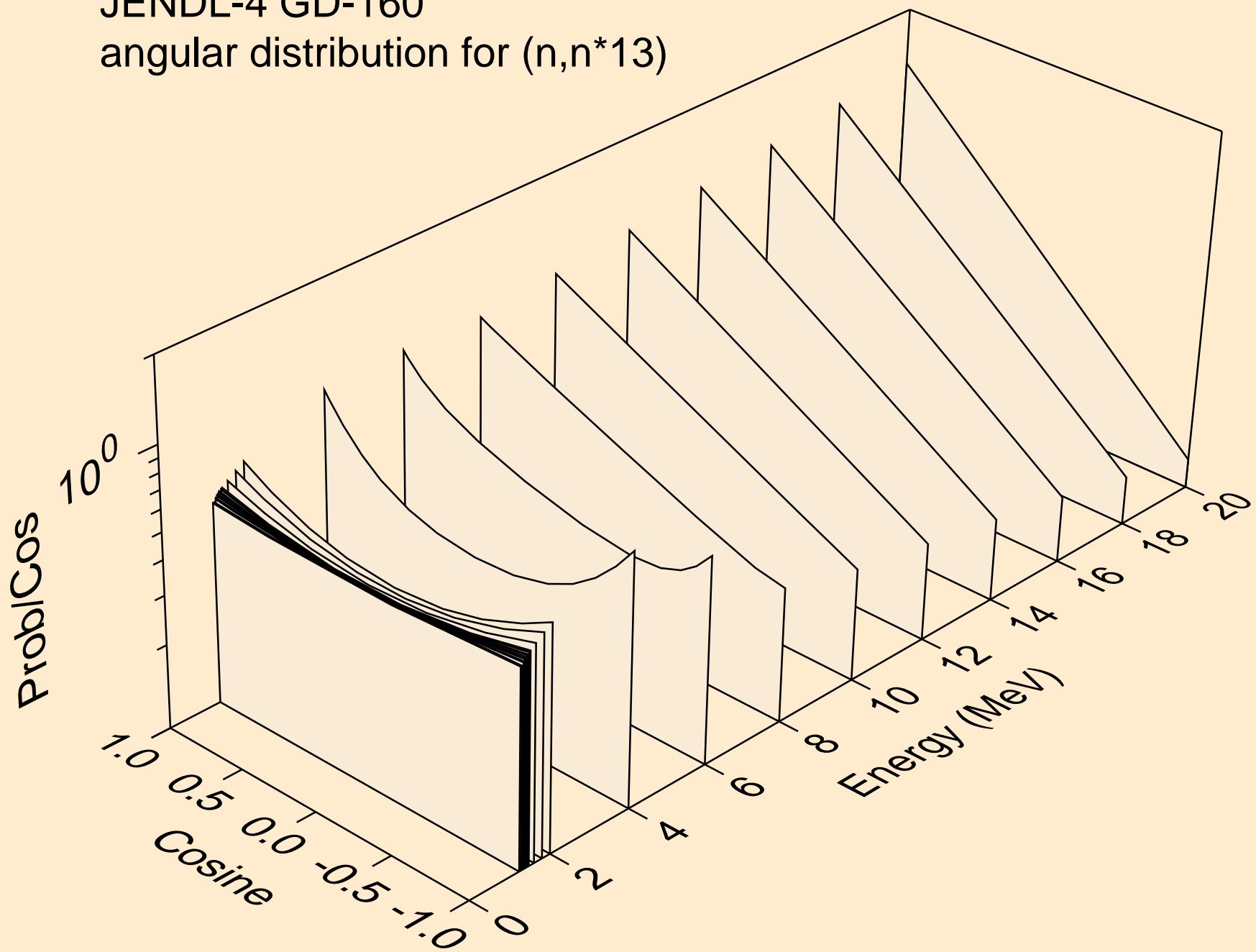
JENDL-4 GD-160  
angular distribution for (n,n\*11)



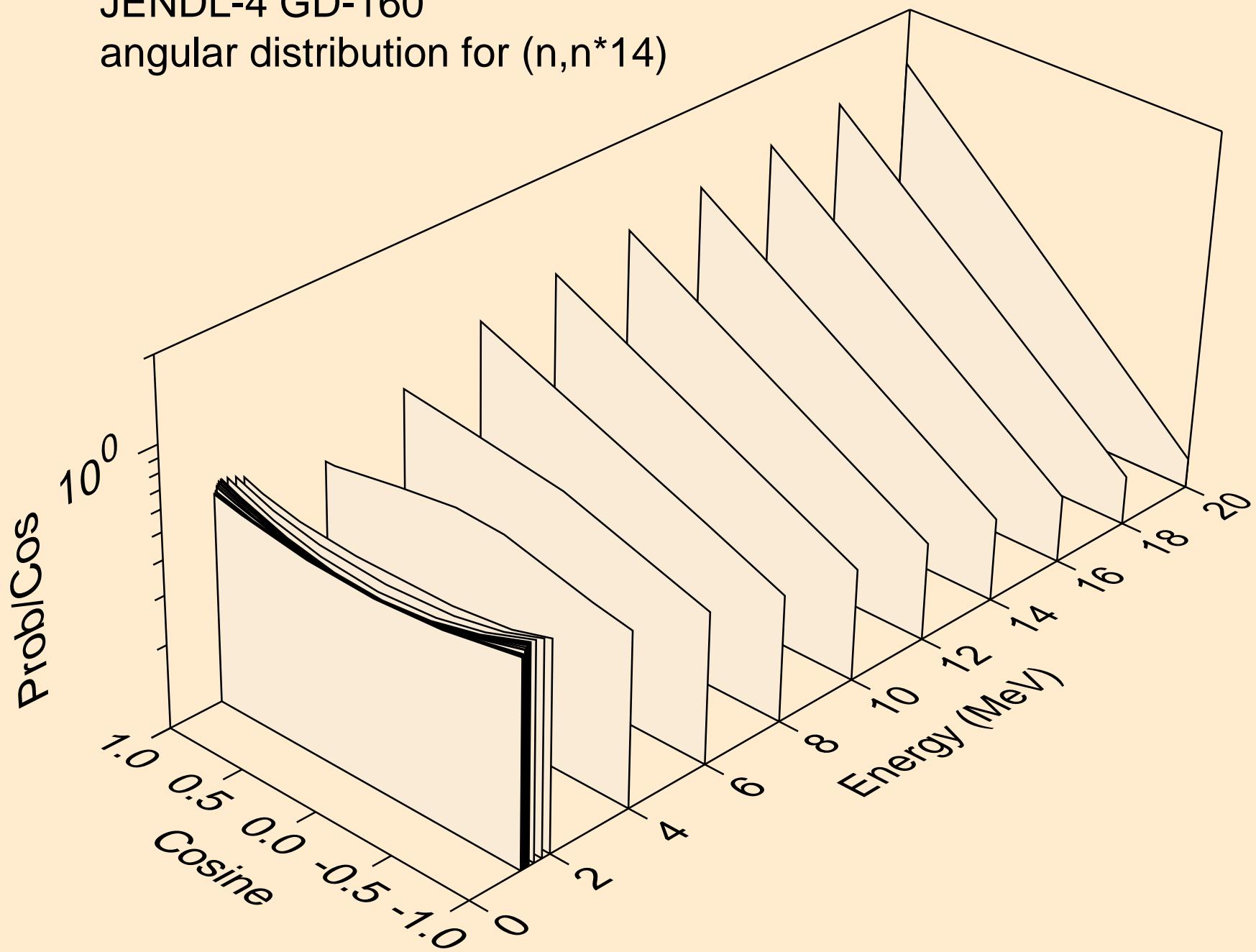
JENDL-4 GD-160  
angular distribution for (n,n\*12)



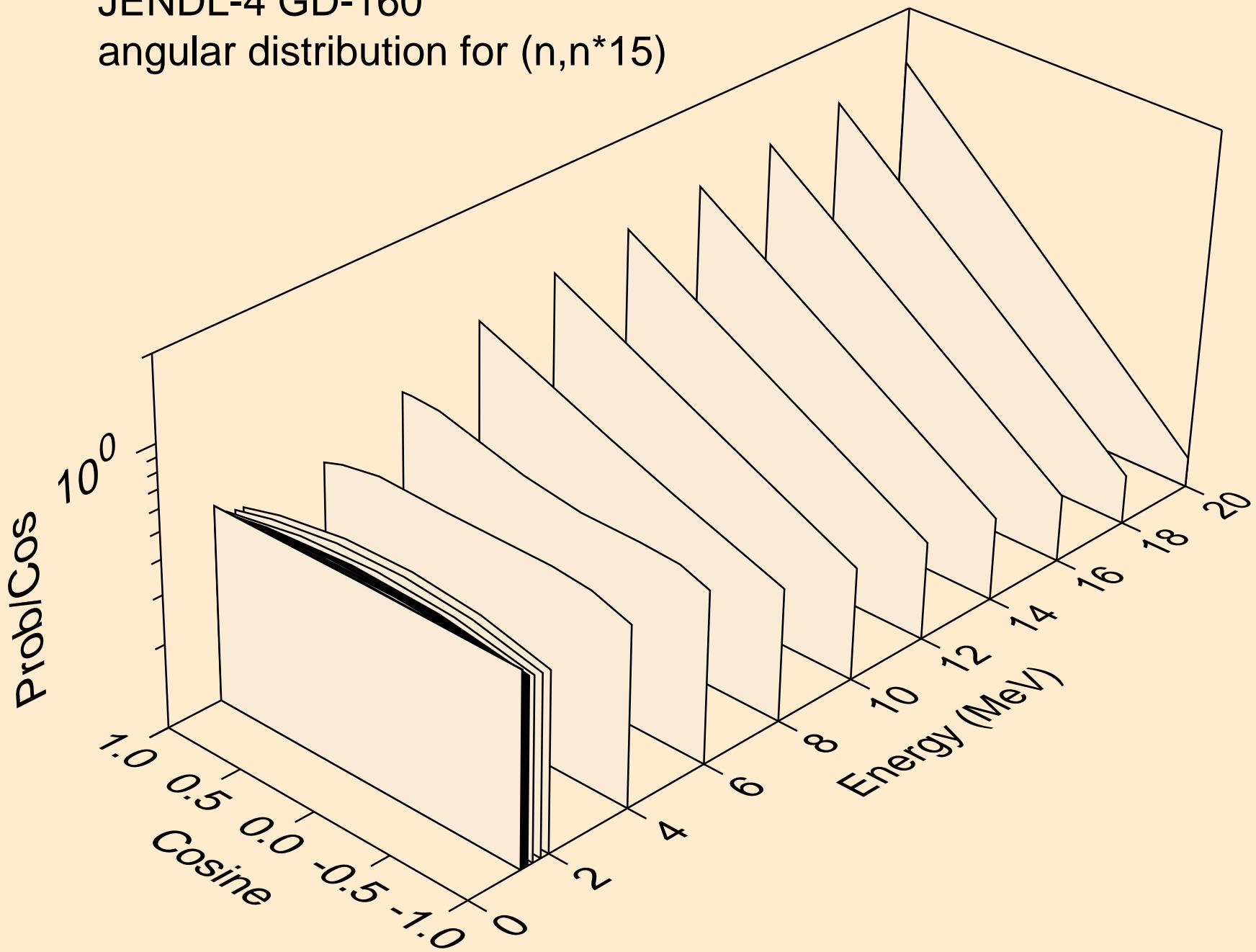
JENDL-4 GD-160  
angular distribution for  $(n,n^*13)$



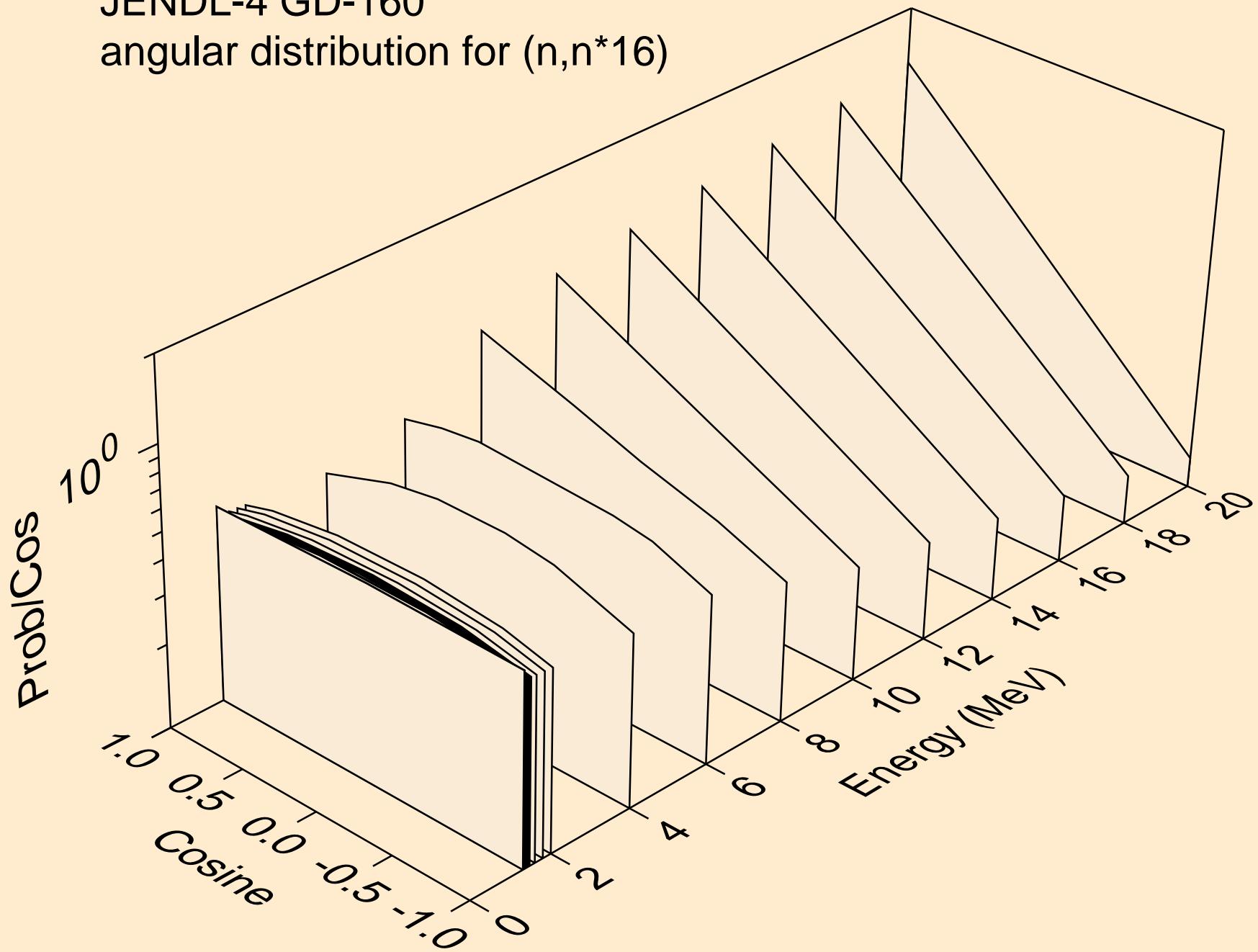
JENDL-4 GD-160  
angular distribution for  $(n,n^*14)$



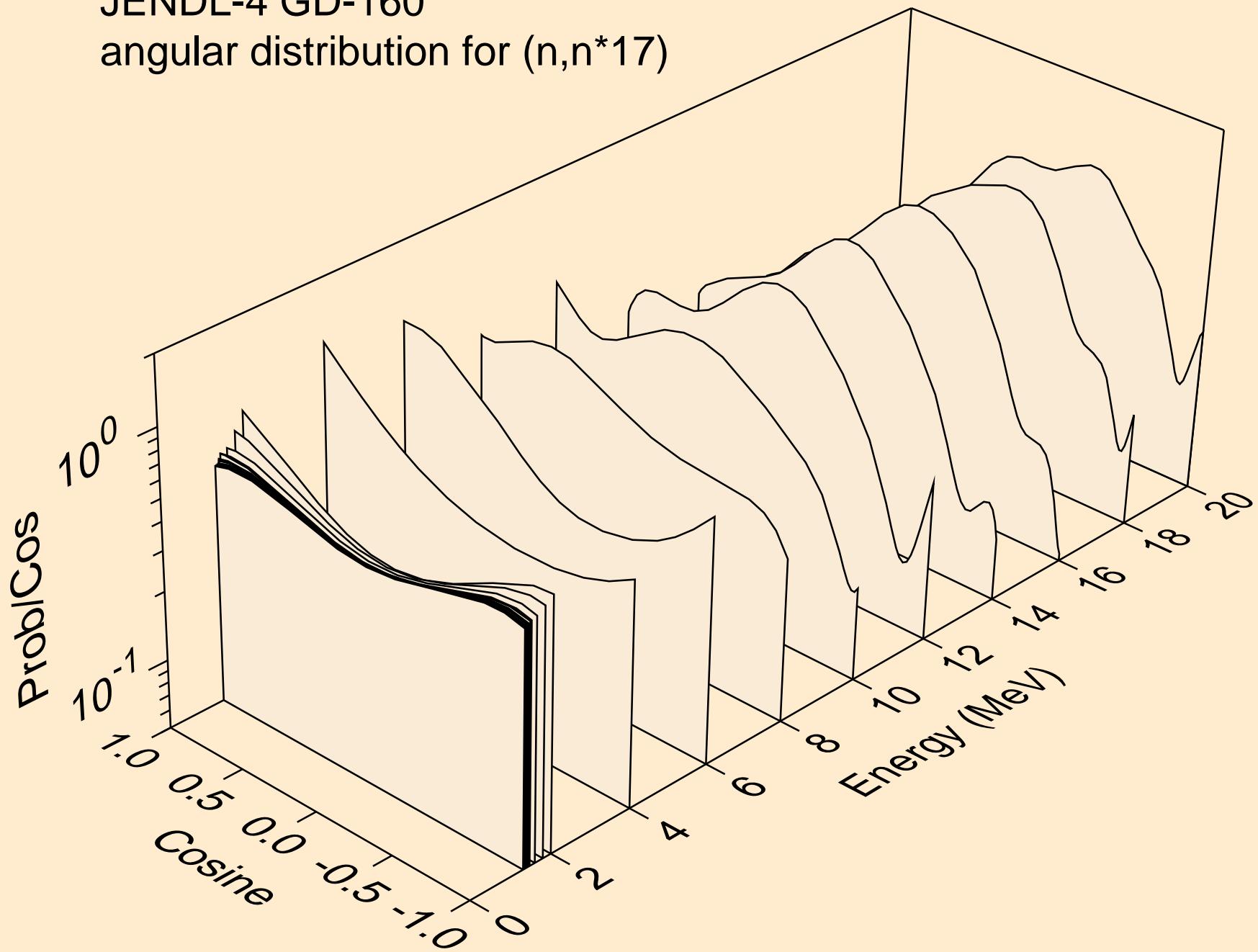
JENDL-4 GD-160  
angular distribution for  $(n,n^*15)$



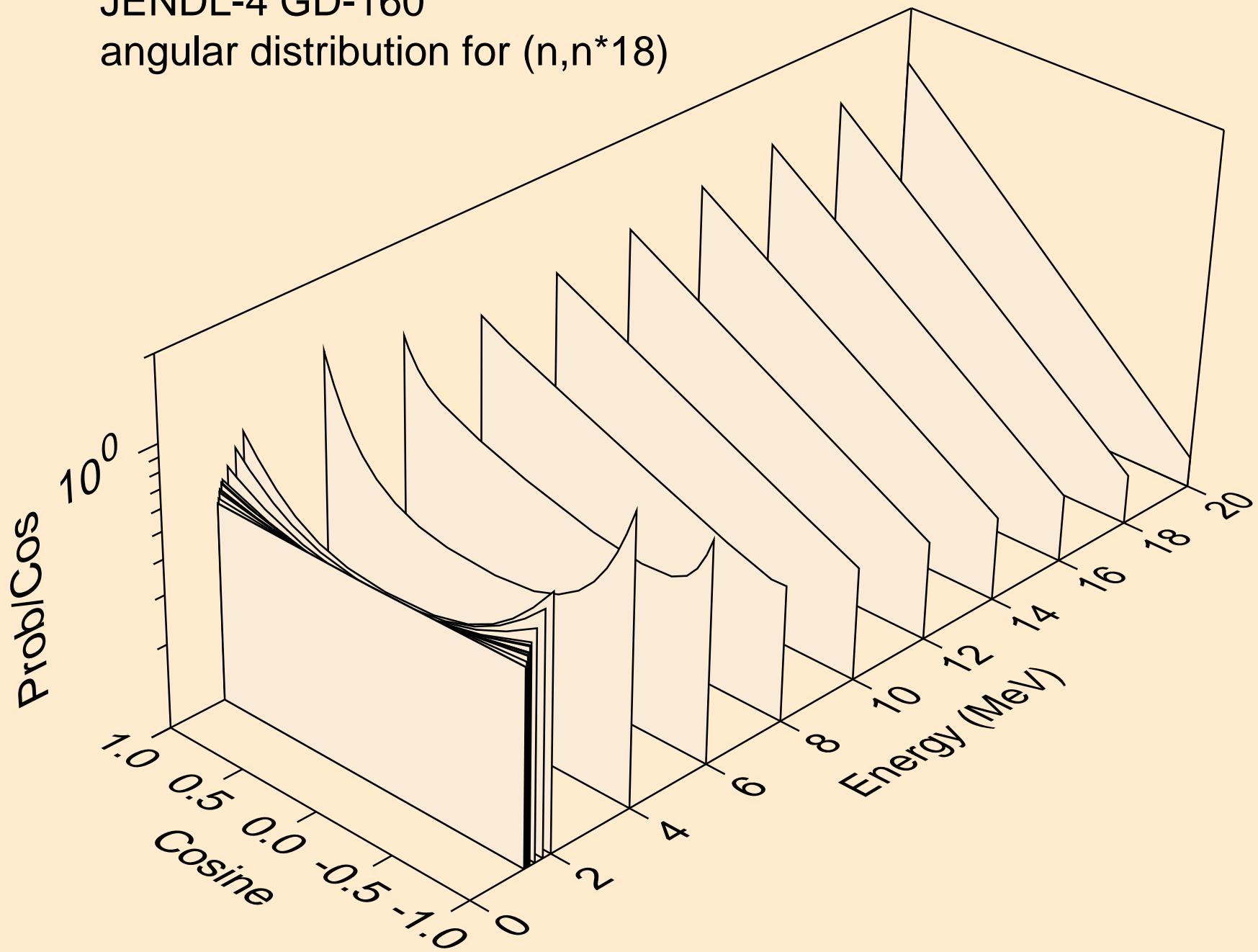
JENDL-4 GD-160  
angular distribution for (n,n\*16)



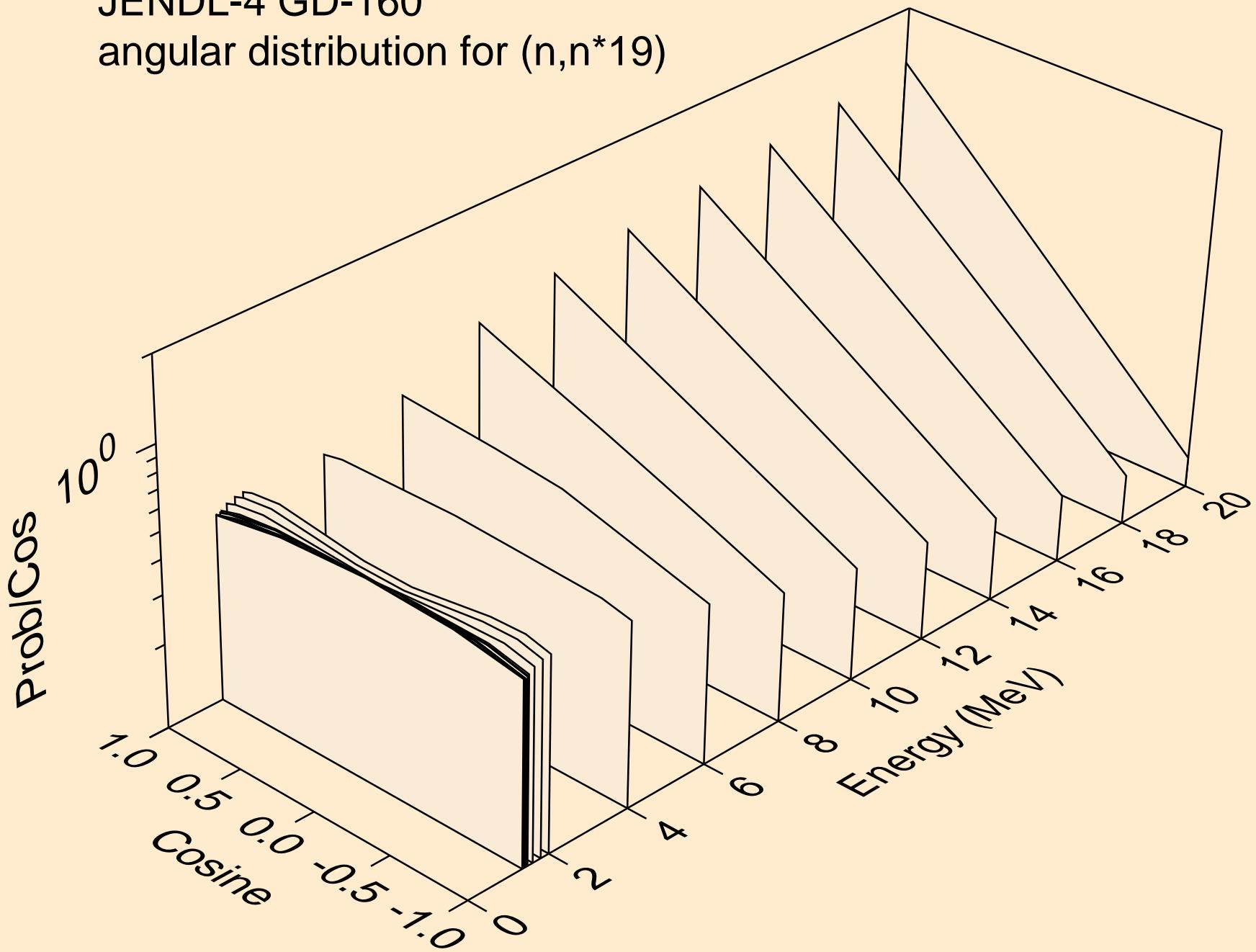
JENDL-4 GD-160  
angular distribution for  $(n,n^*17)$



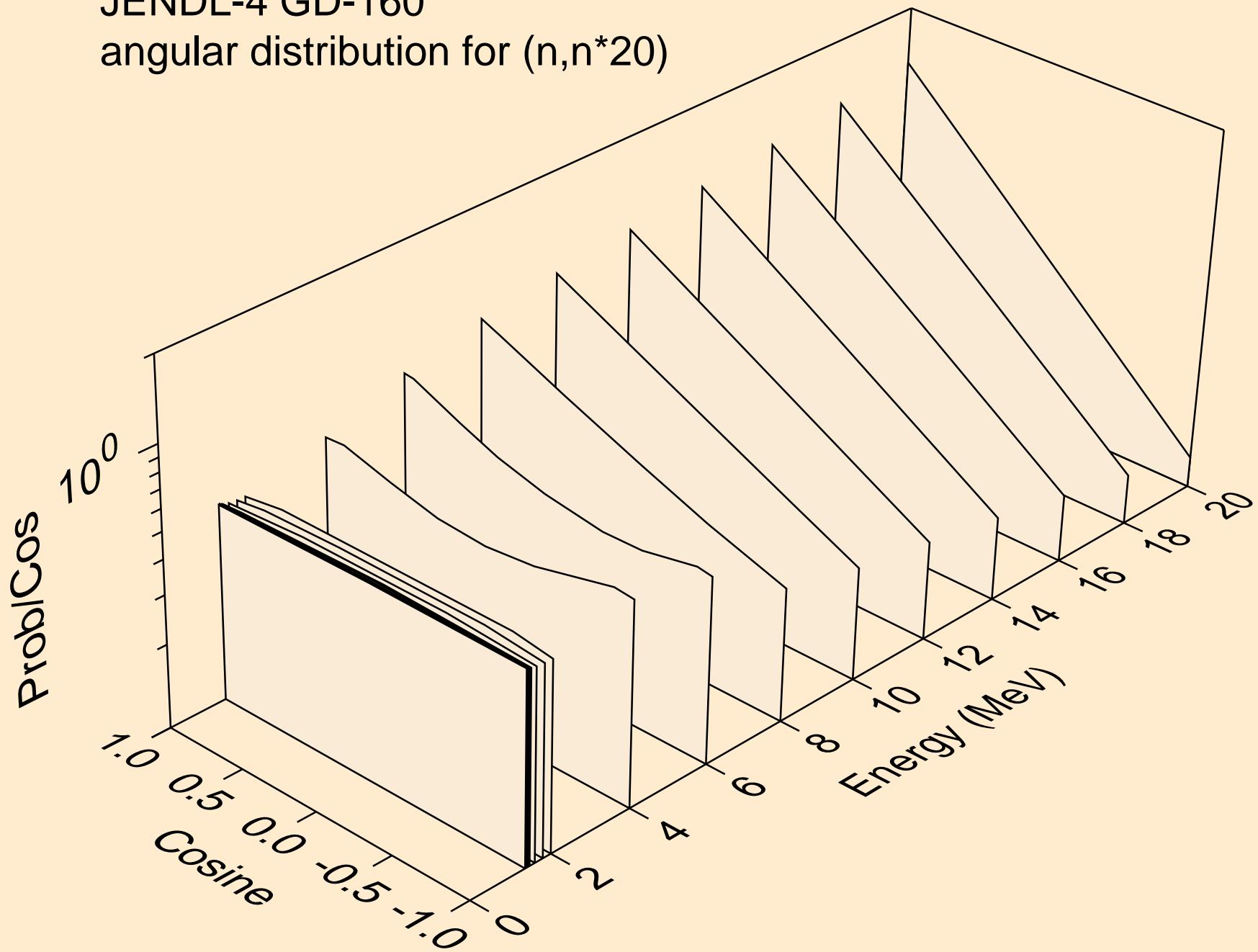
JENDL-4 GD-160  
angular distribution for (n,n\*18)



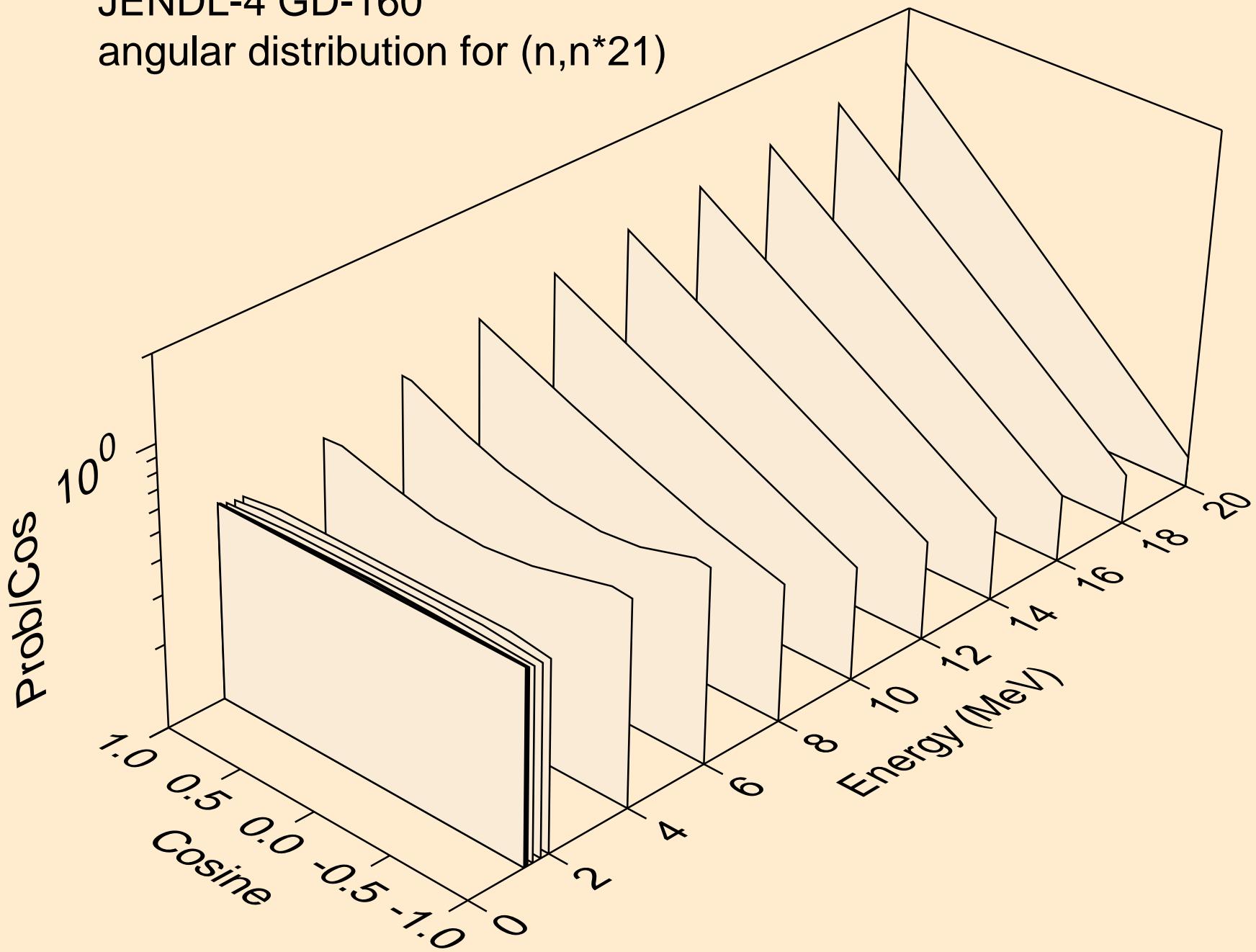
JENDL-4 GD-160  
angular distribution for  $(n,n^*19)$



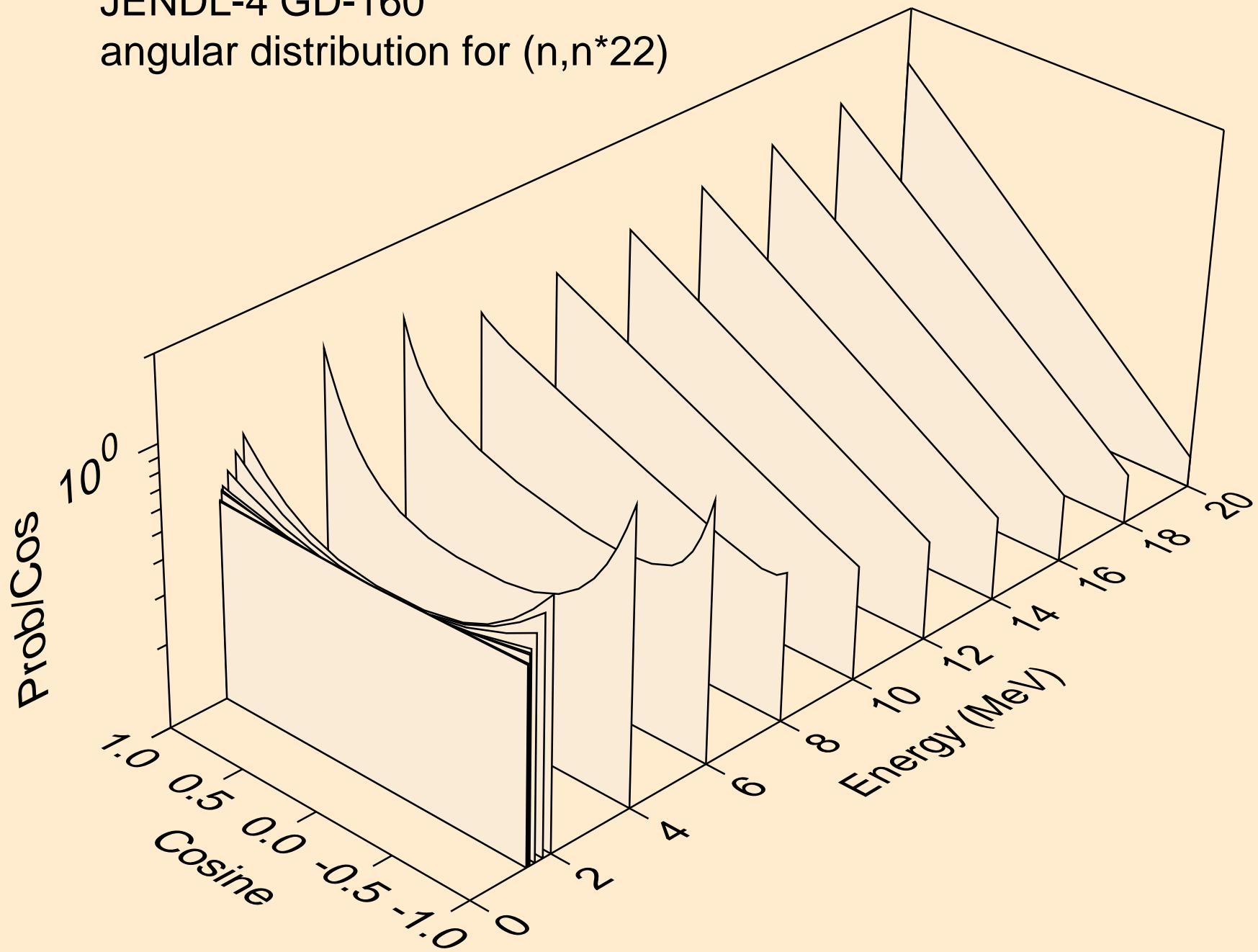
JENDL-4 GD-160  
angular distribution for  $(n,n^*20)$



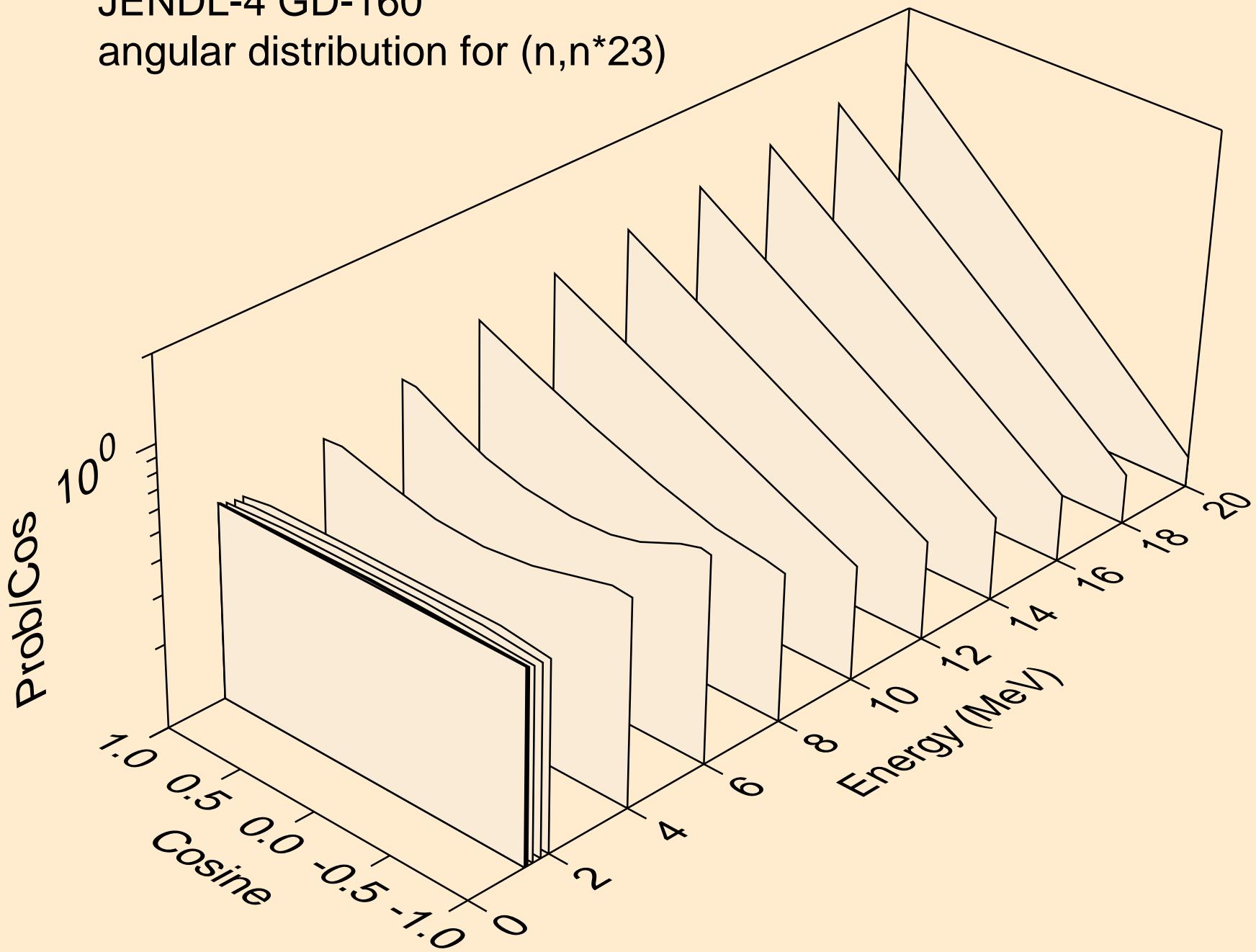
JENDL-4 GD-160  
angular distribution for ( $n, n^* 21$ )



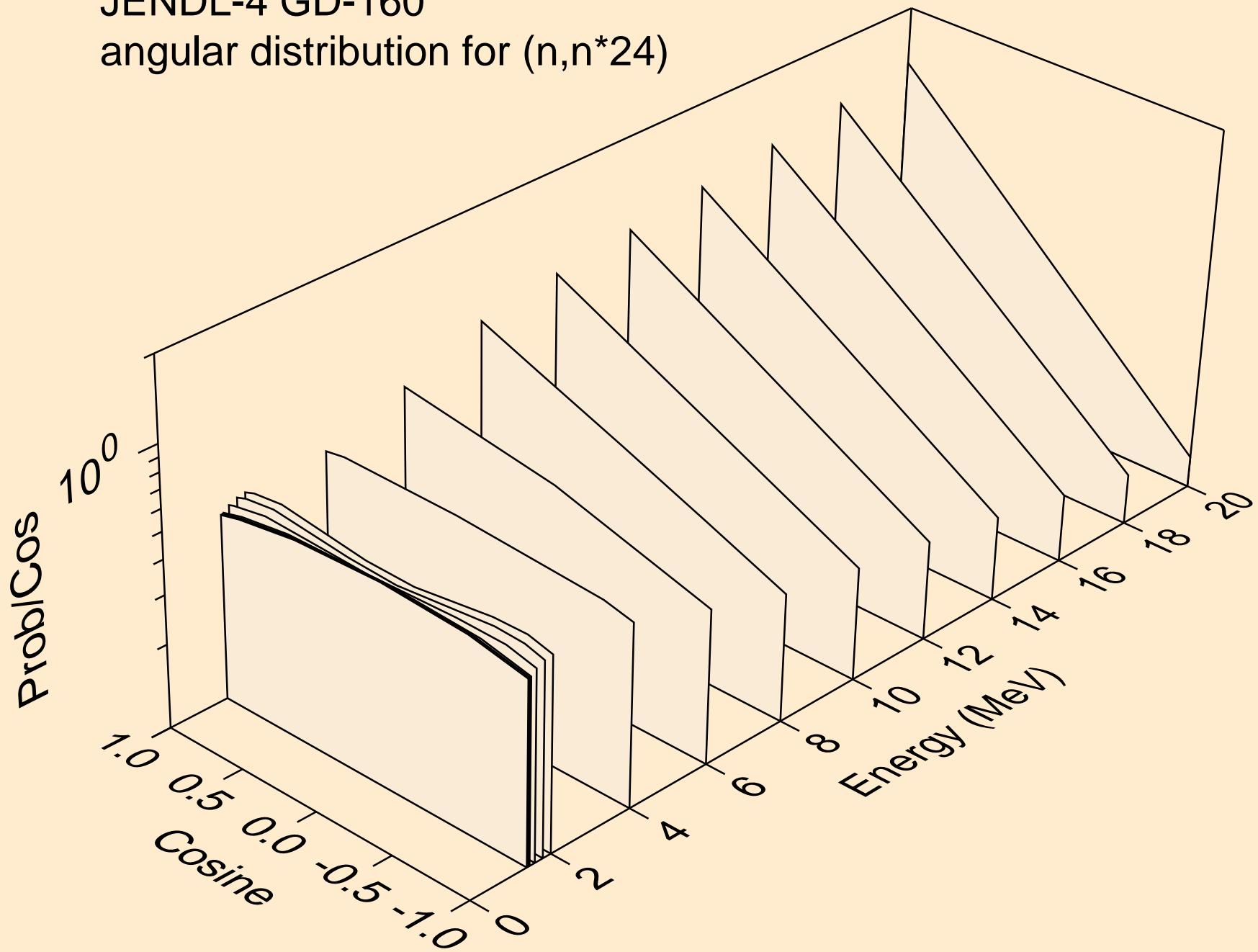
JENDL-4 GD-160  
angular distribution for  $(n,n^*22)$



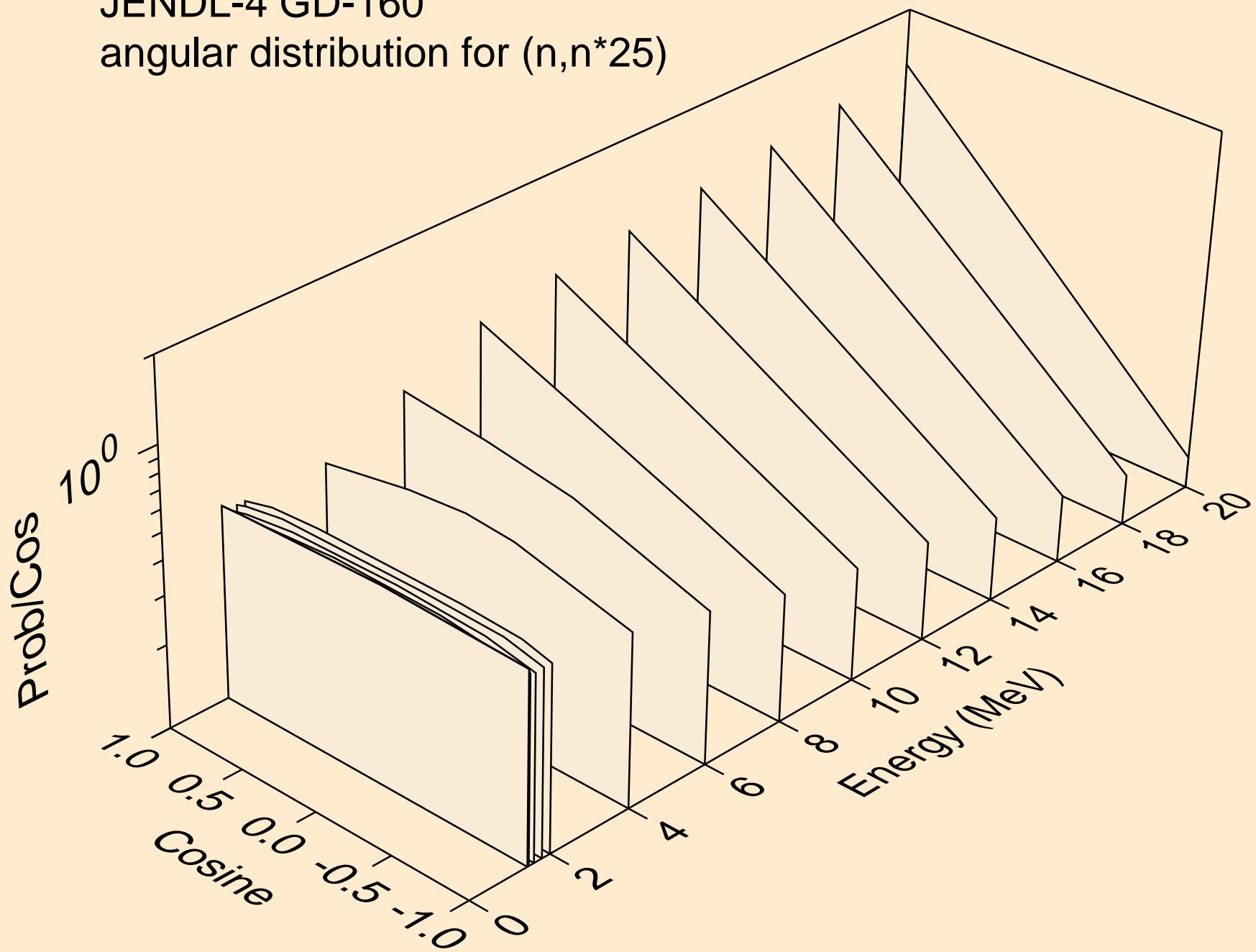
JENDL-4 GD-160  
angular distribution for (n,n\*23)



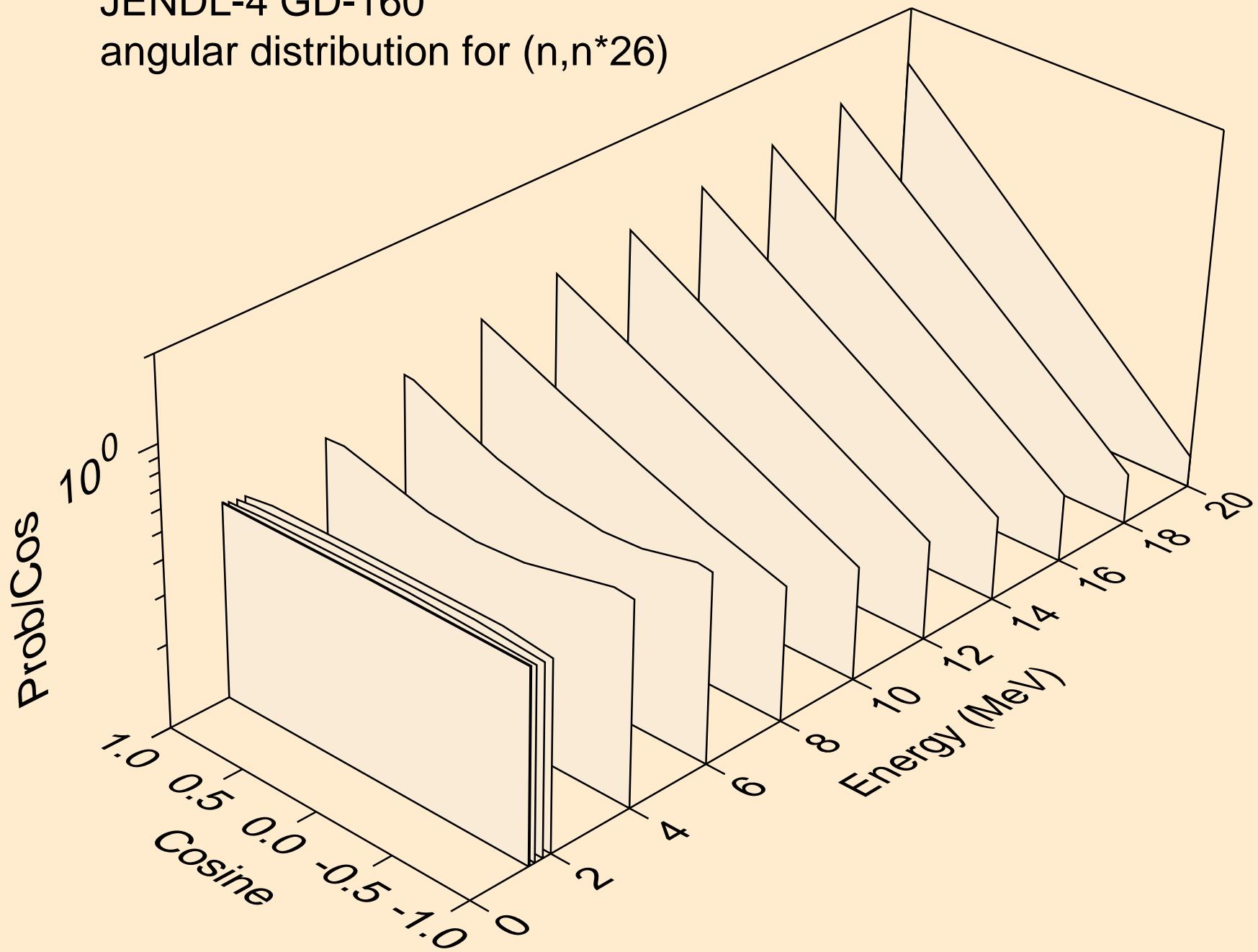
JENDL-4 GD-160  
angular distribution for ( $n, n^* 24$ )



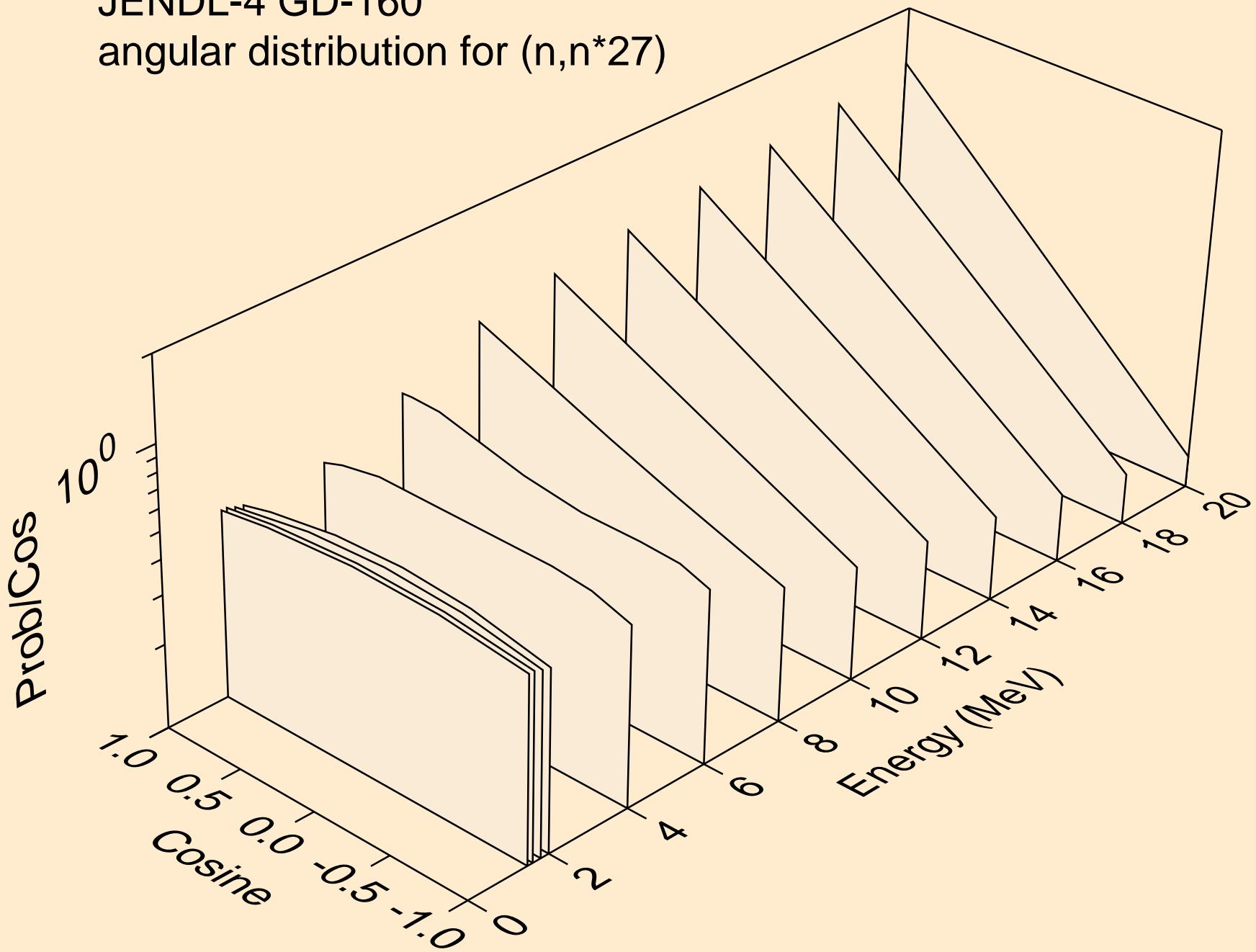
JENDL-4 GD-160  
angular distribution for (n,n\*25)



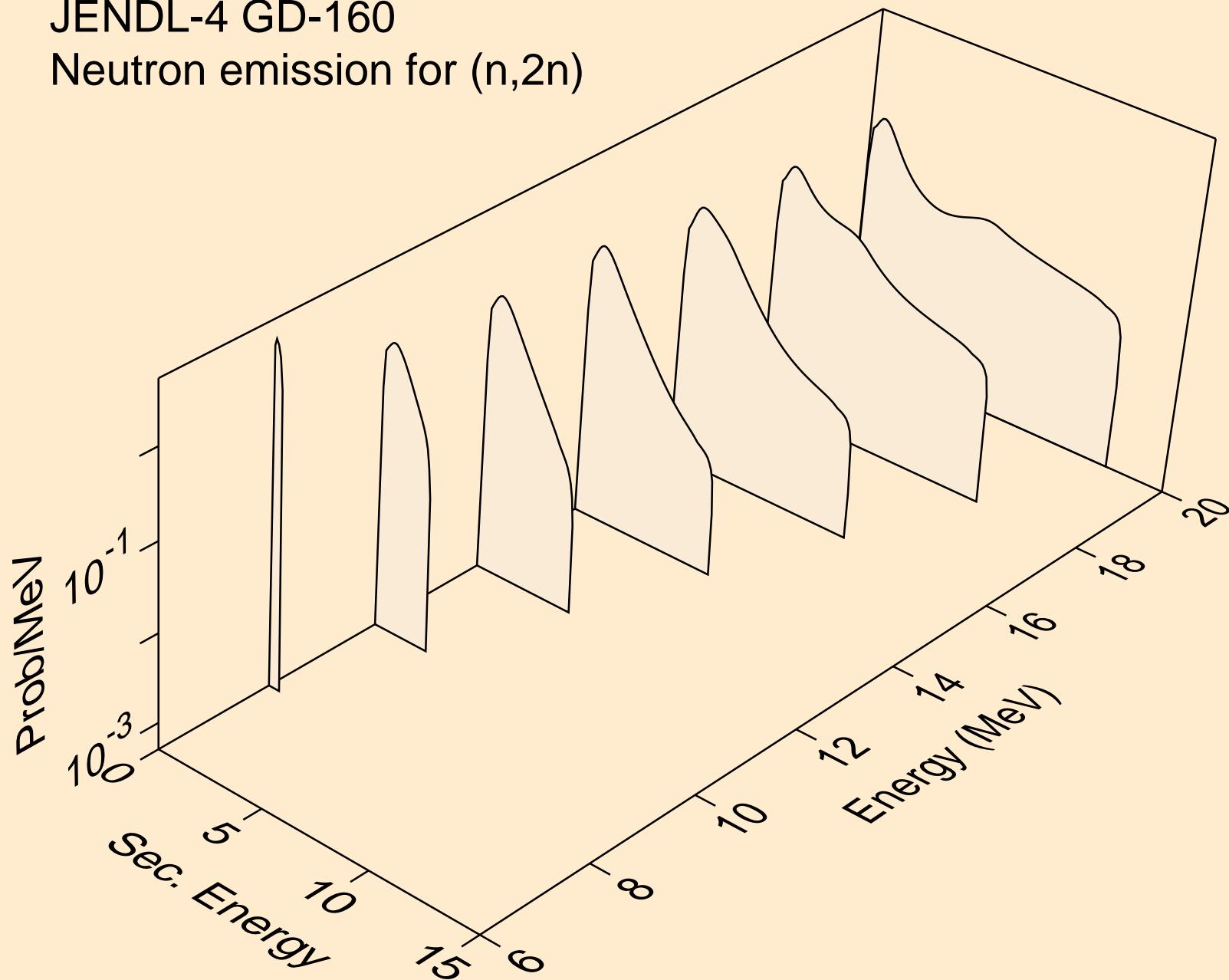
JENDL-4 GD-160  
angular distribution for ( $n, n^* 26$ )



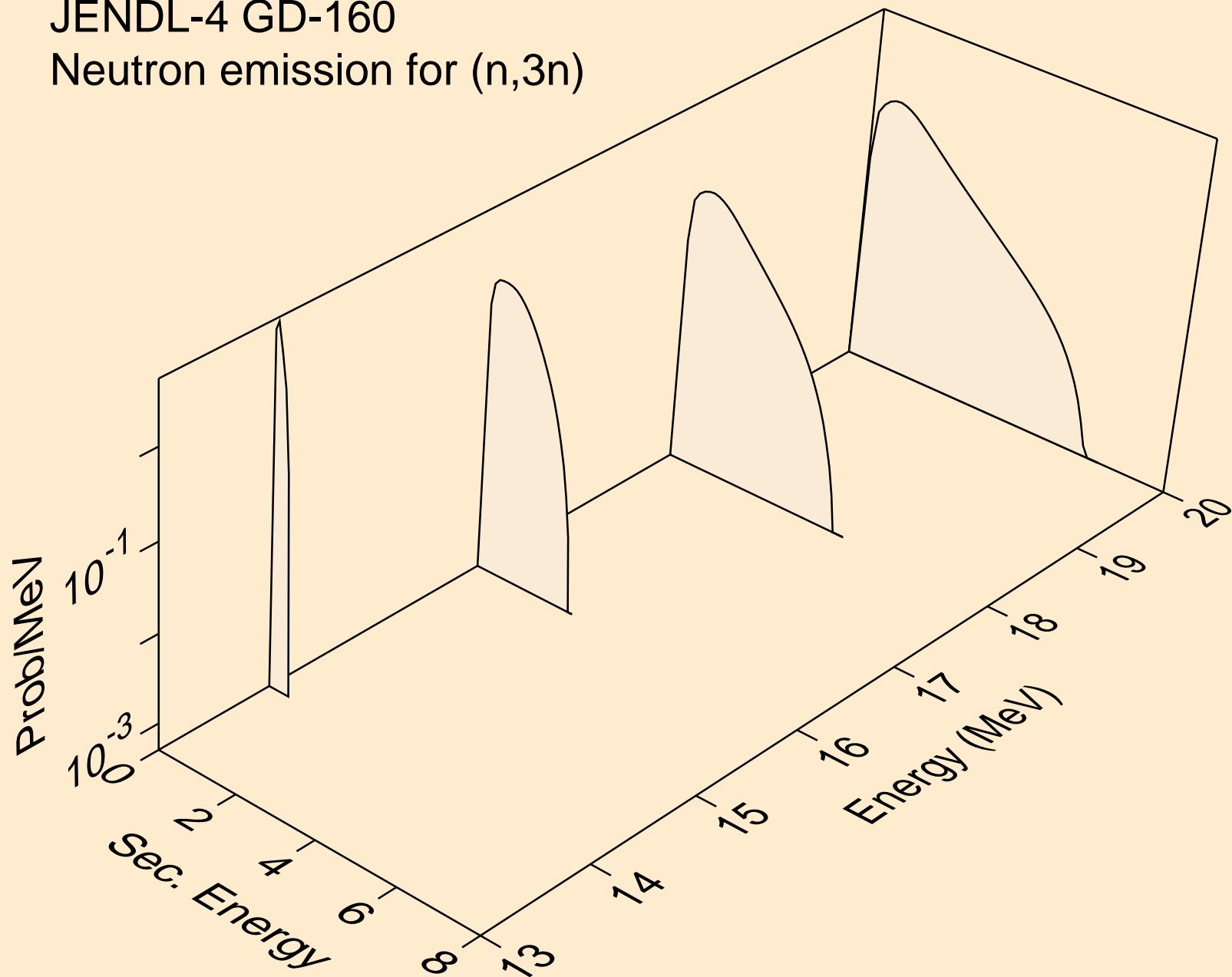
JENDL-4 GD-160  
angular distribution for  $(n,n^*27)$



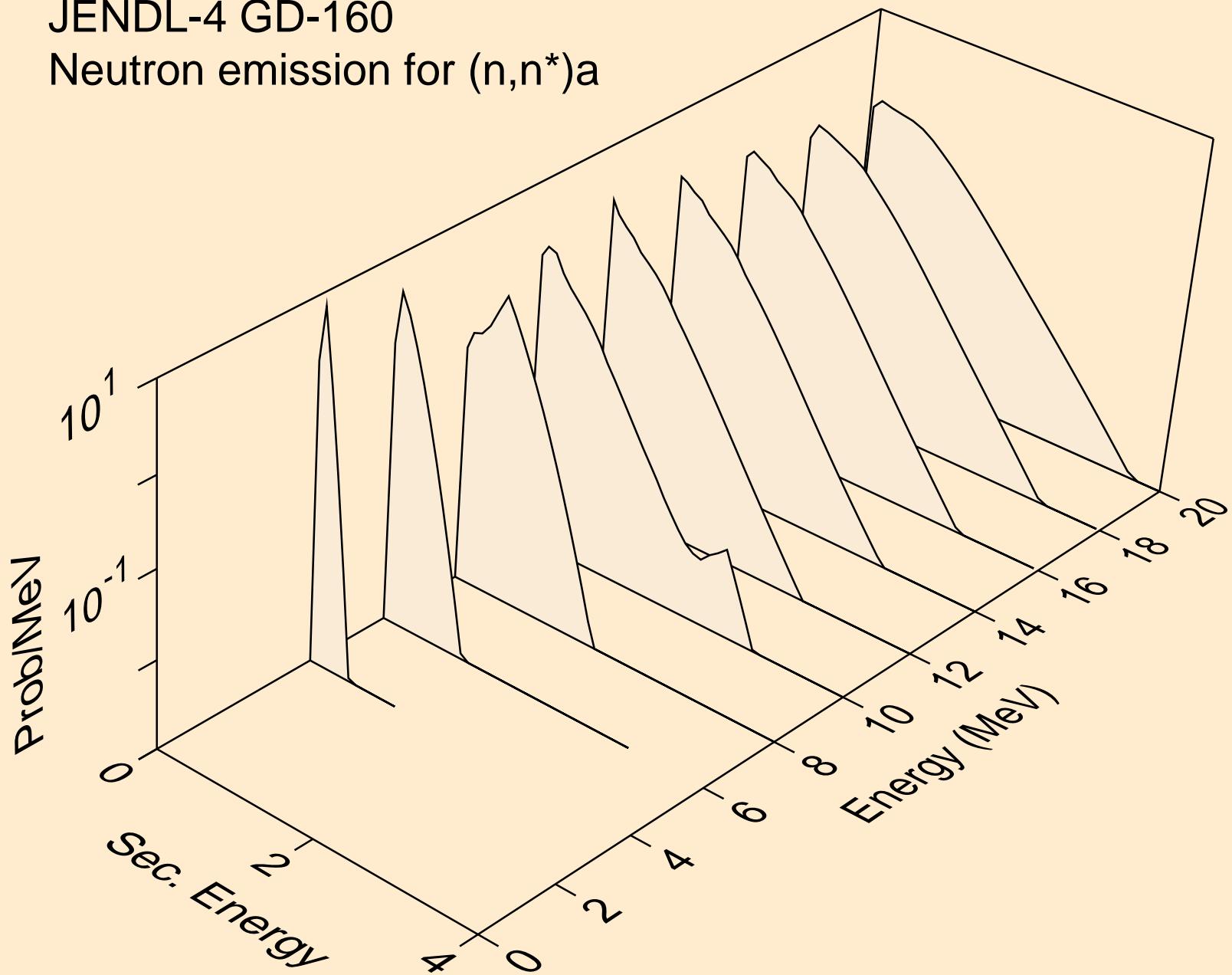
JENDL-4 GD-160  
Neutron emission for  $(n,2n)$



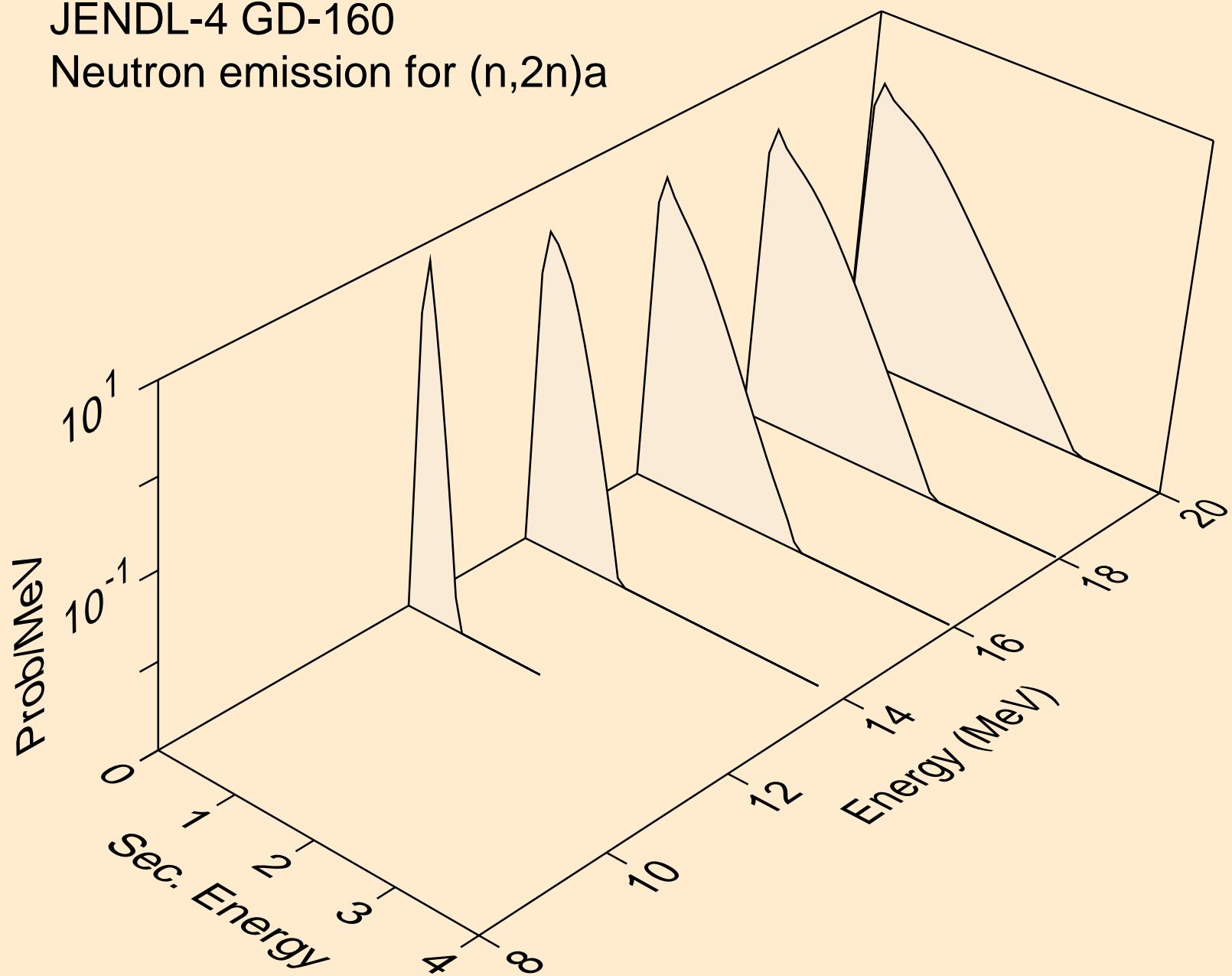
JENDL-4 GD-160  
Neutron emission for (n,3n)



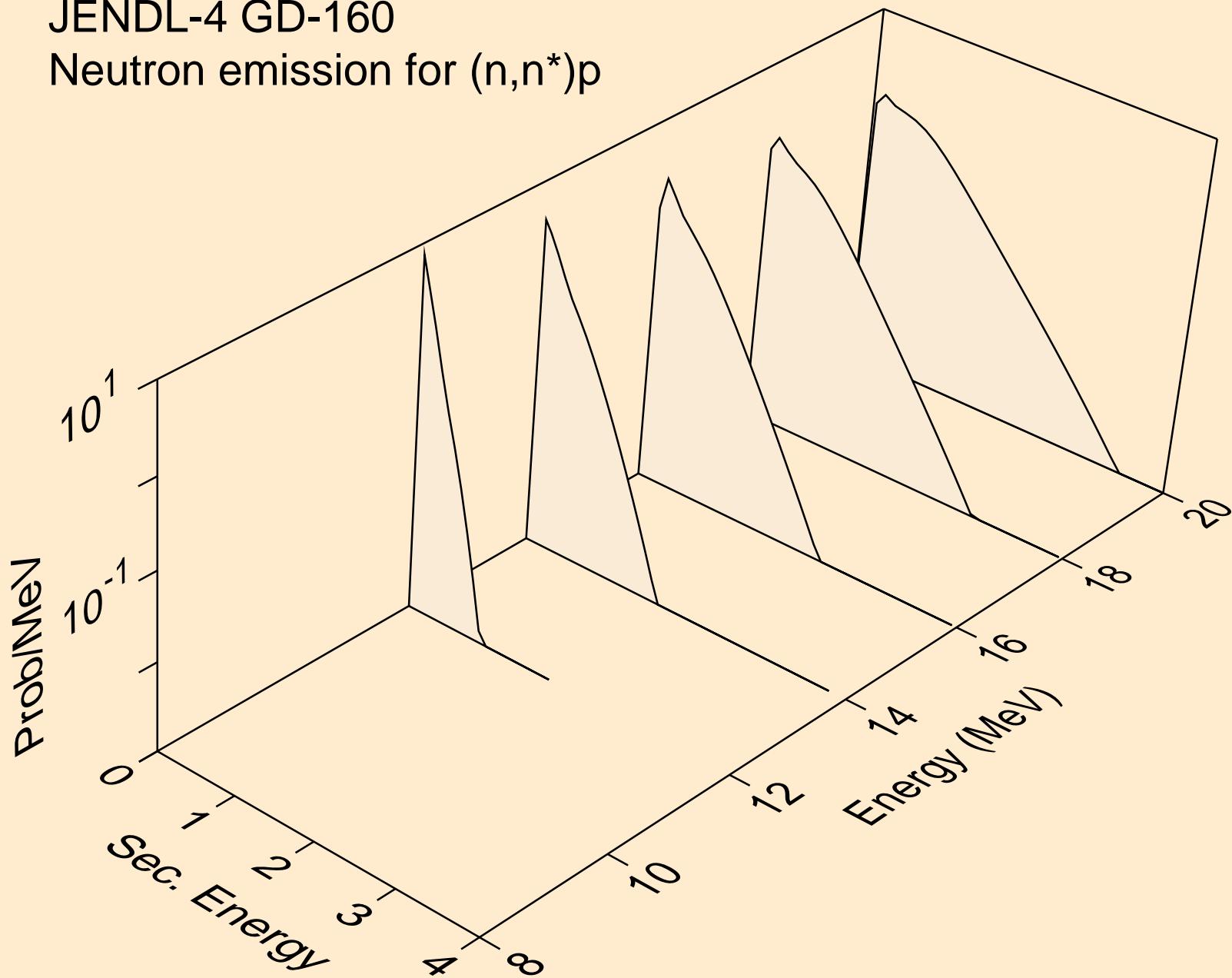
JENDL-4 GD-160  
Neutron emission for  $(n,n^*)a$



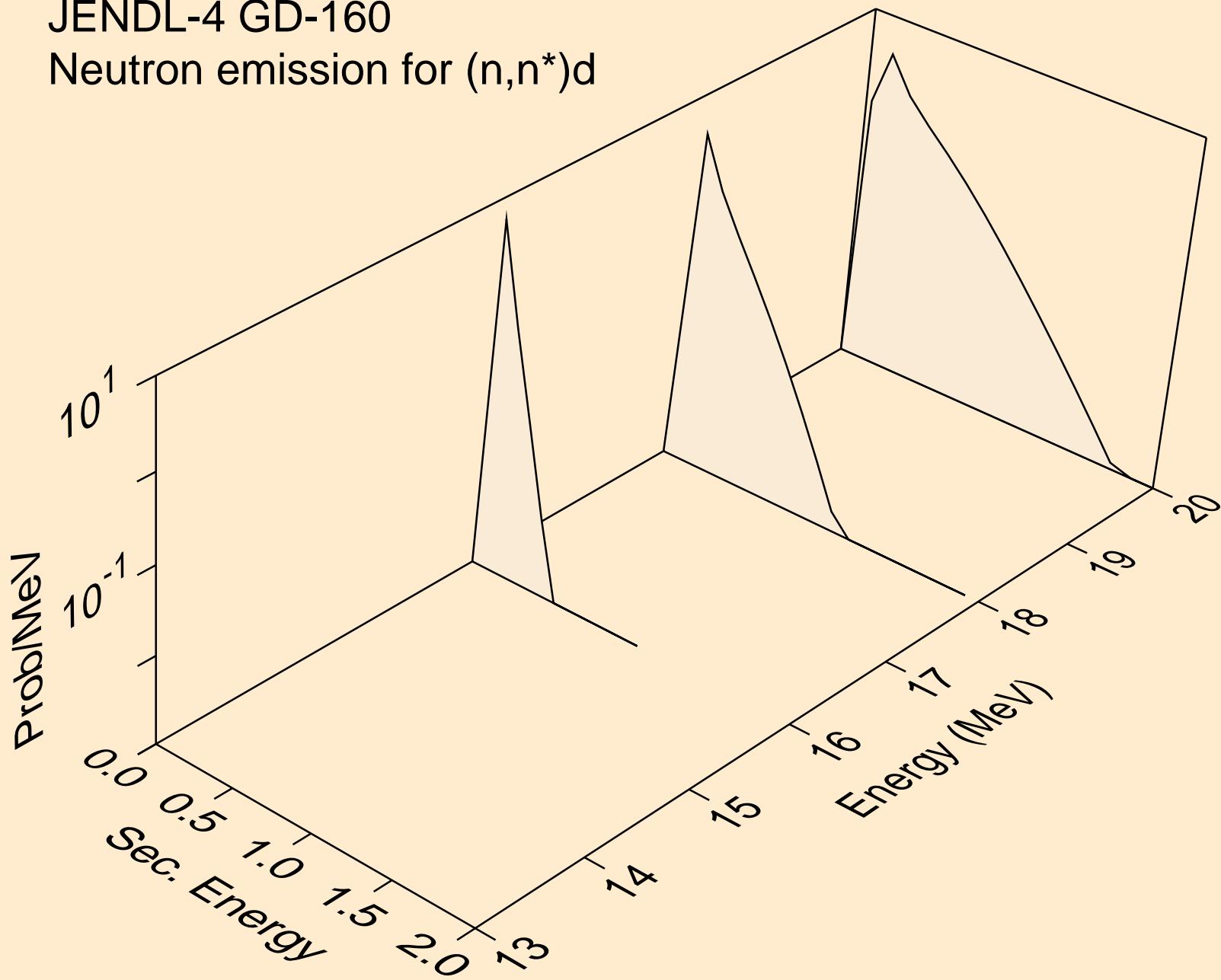
JENDL-4 GD-160  
Neutron emission for  $(n,2n)a$



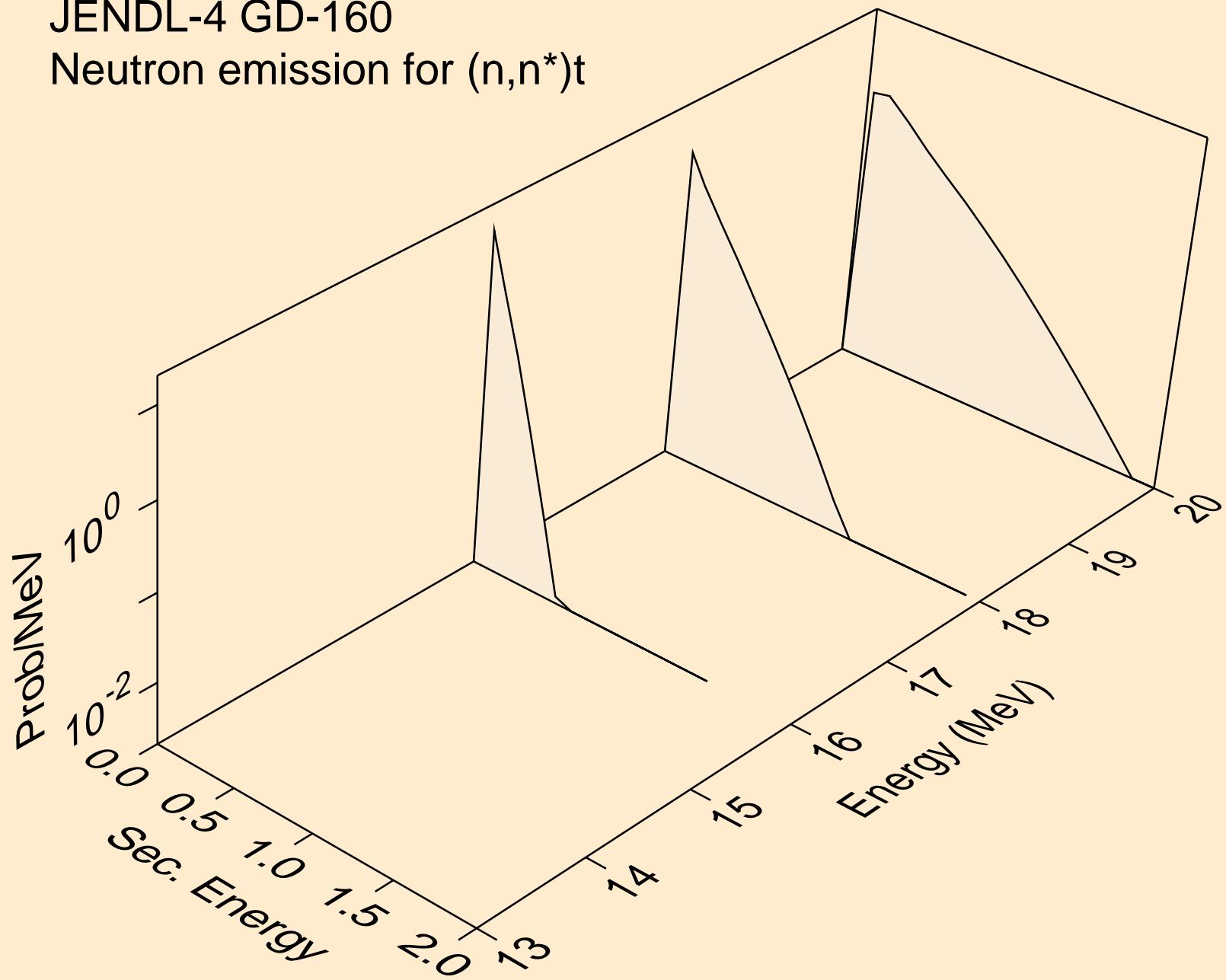
JENDL-4 GD-160  
Neutron emission for  $(n,n^*)p$



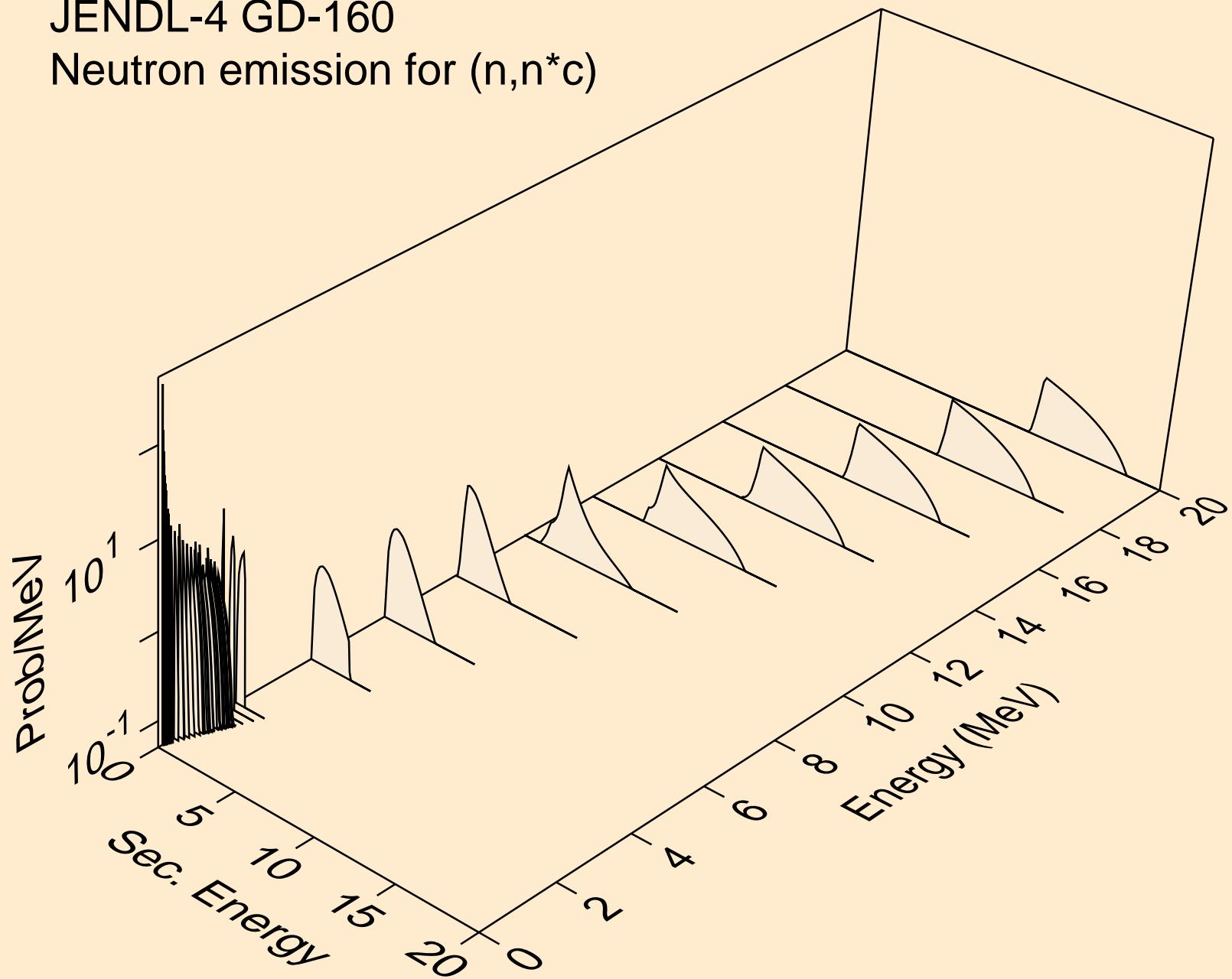
JENDL-4 GD-160  
Neutron emission for  $(n,n^*)d$



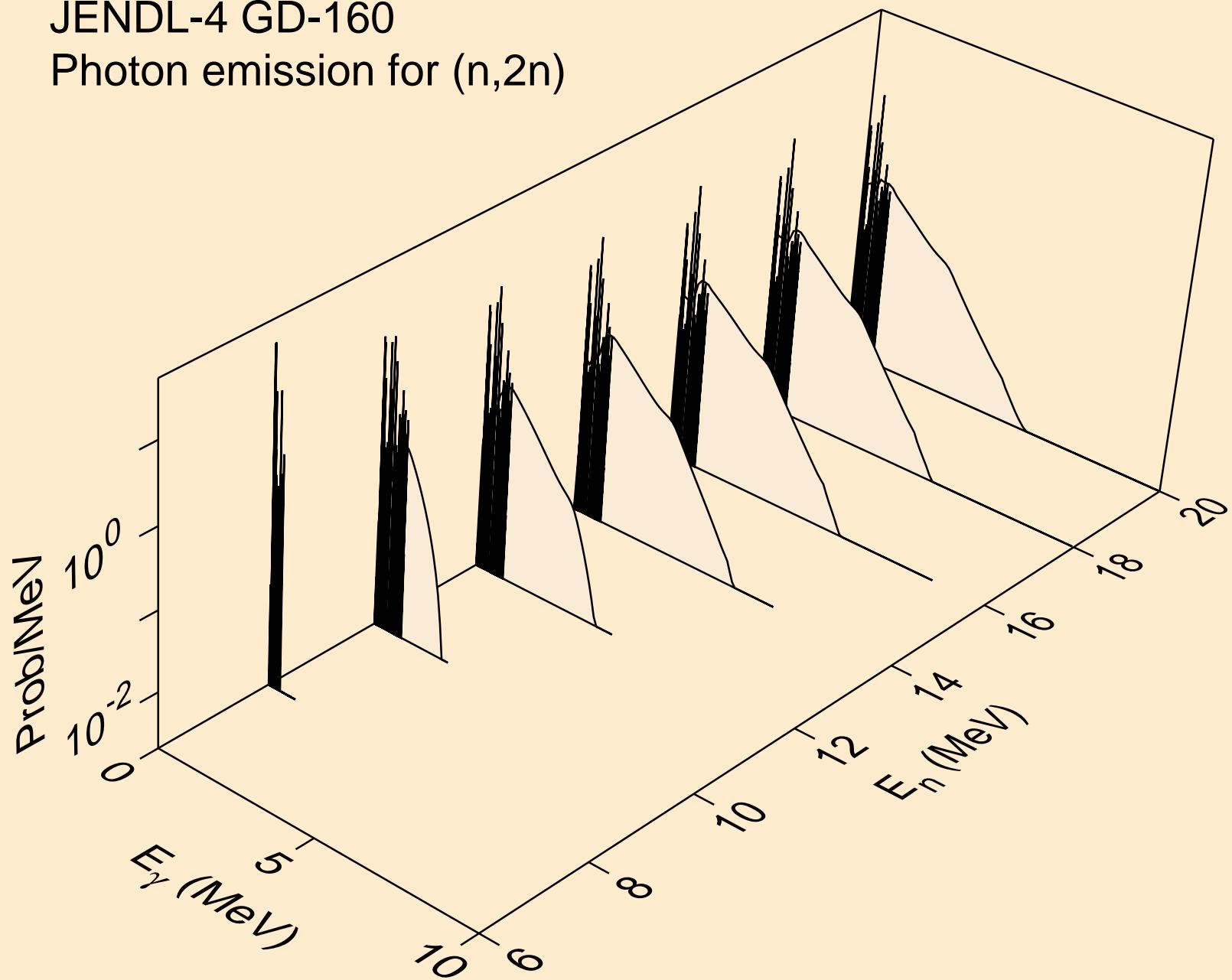
JENDL-4 GD-160  
Neutron emission for  $(n,n^*)t$



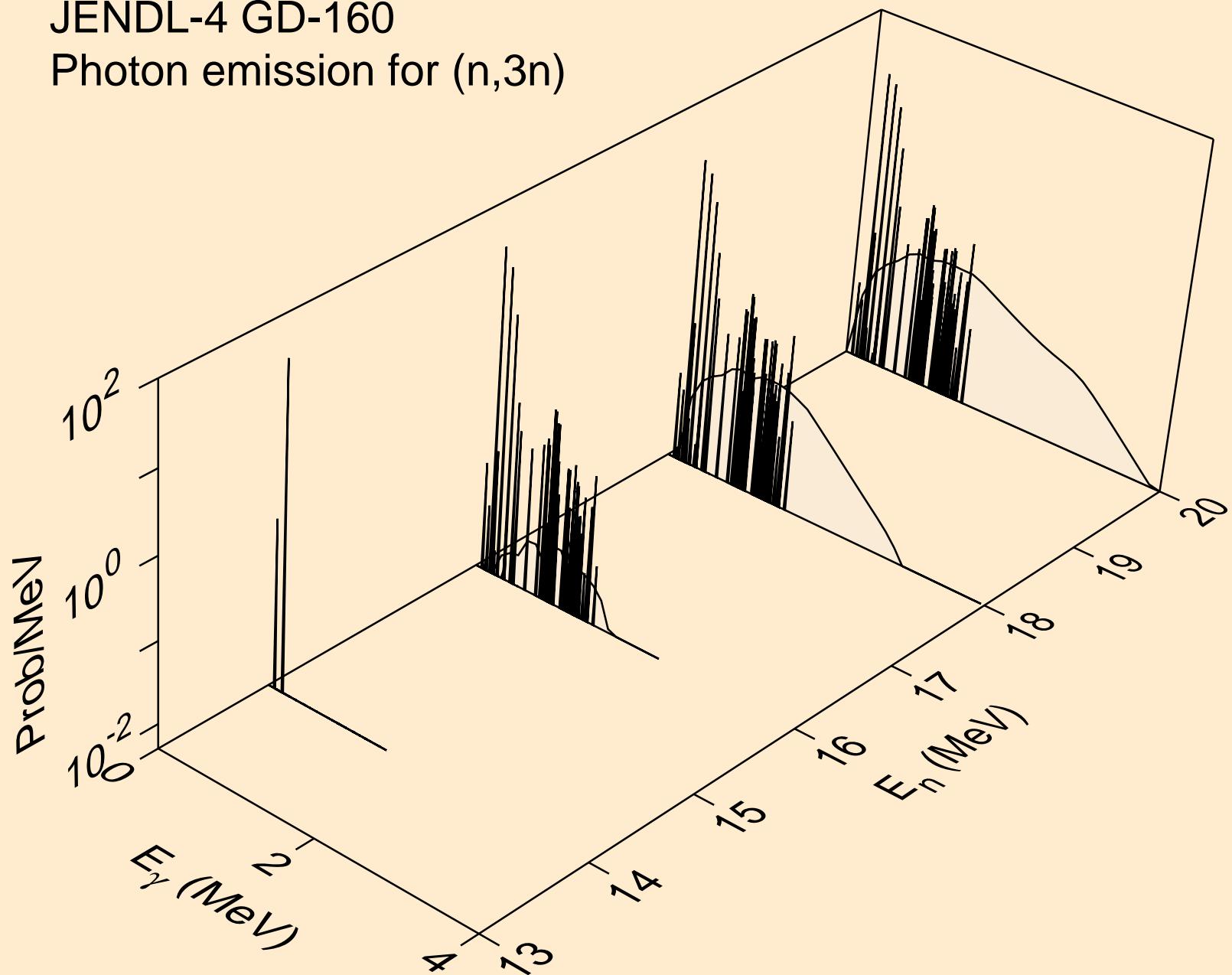
JENDL-4 GD-160  
Neutron emission for  $(n,n^*c)$



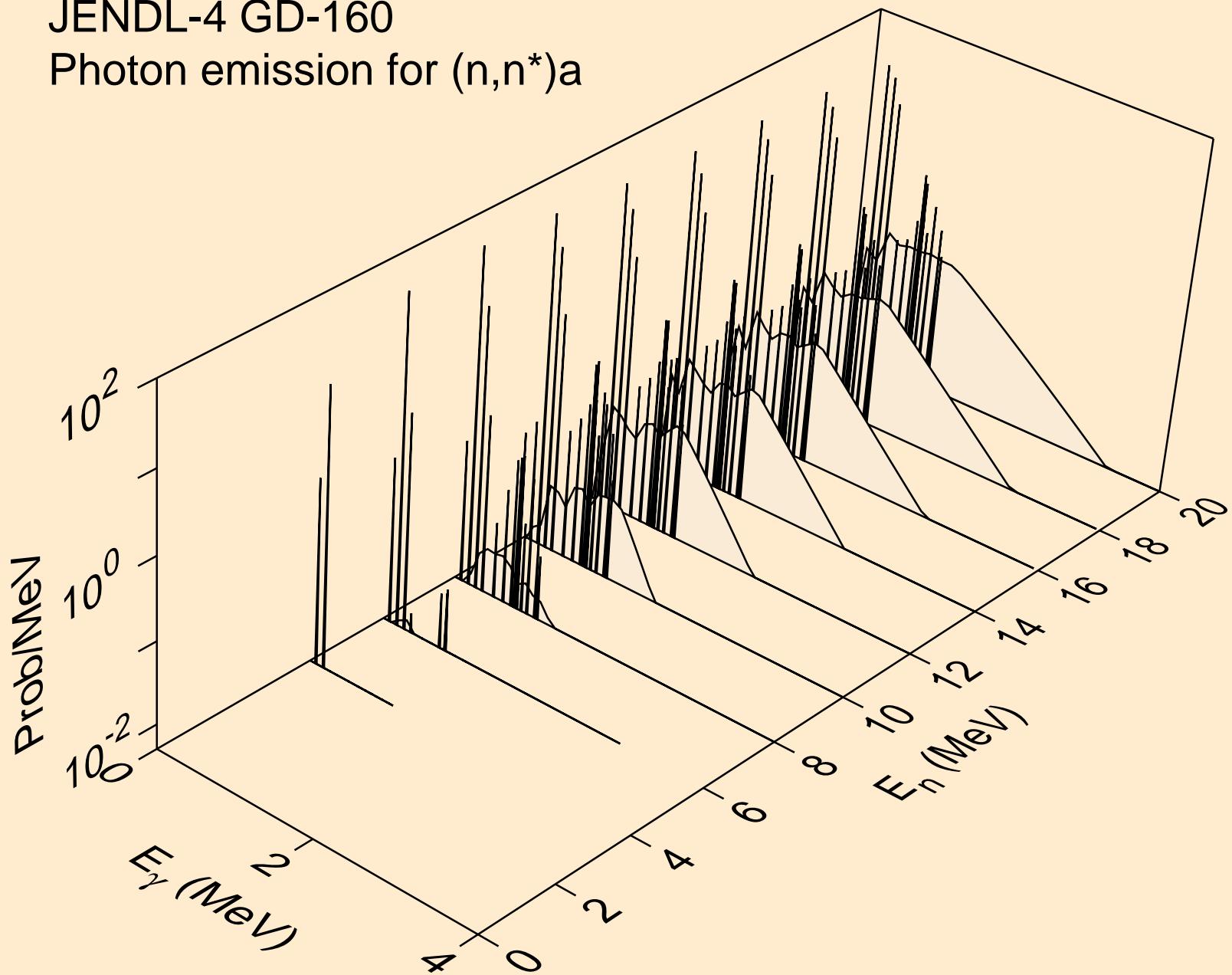
JENDL-4 GD-160  
Photon emission for (n,2n)



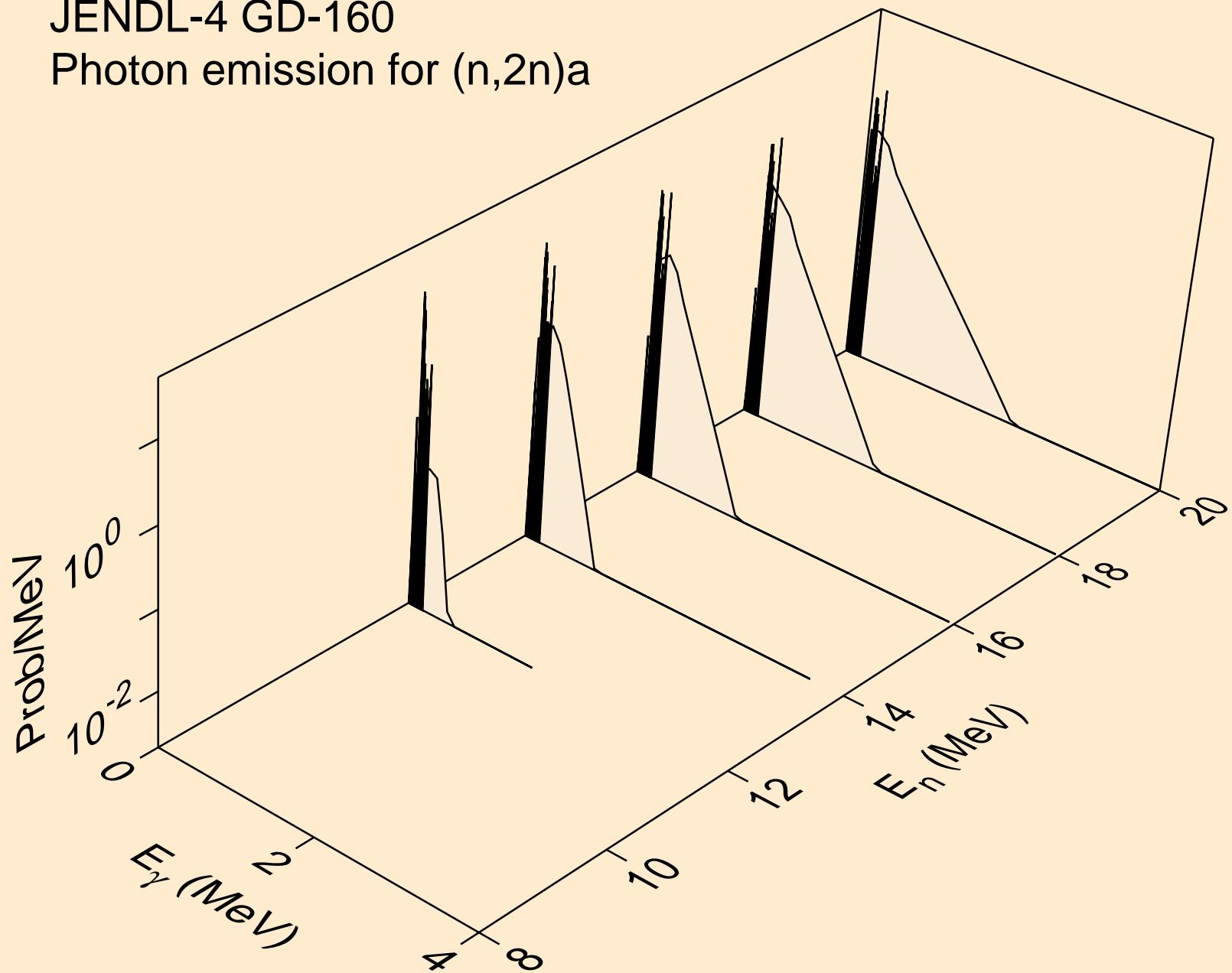
JENDL-4 GD-160  
Photon emission for (n,3n)



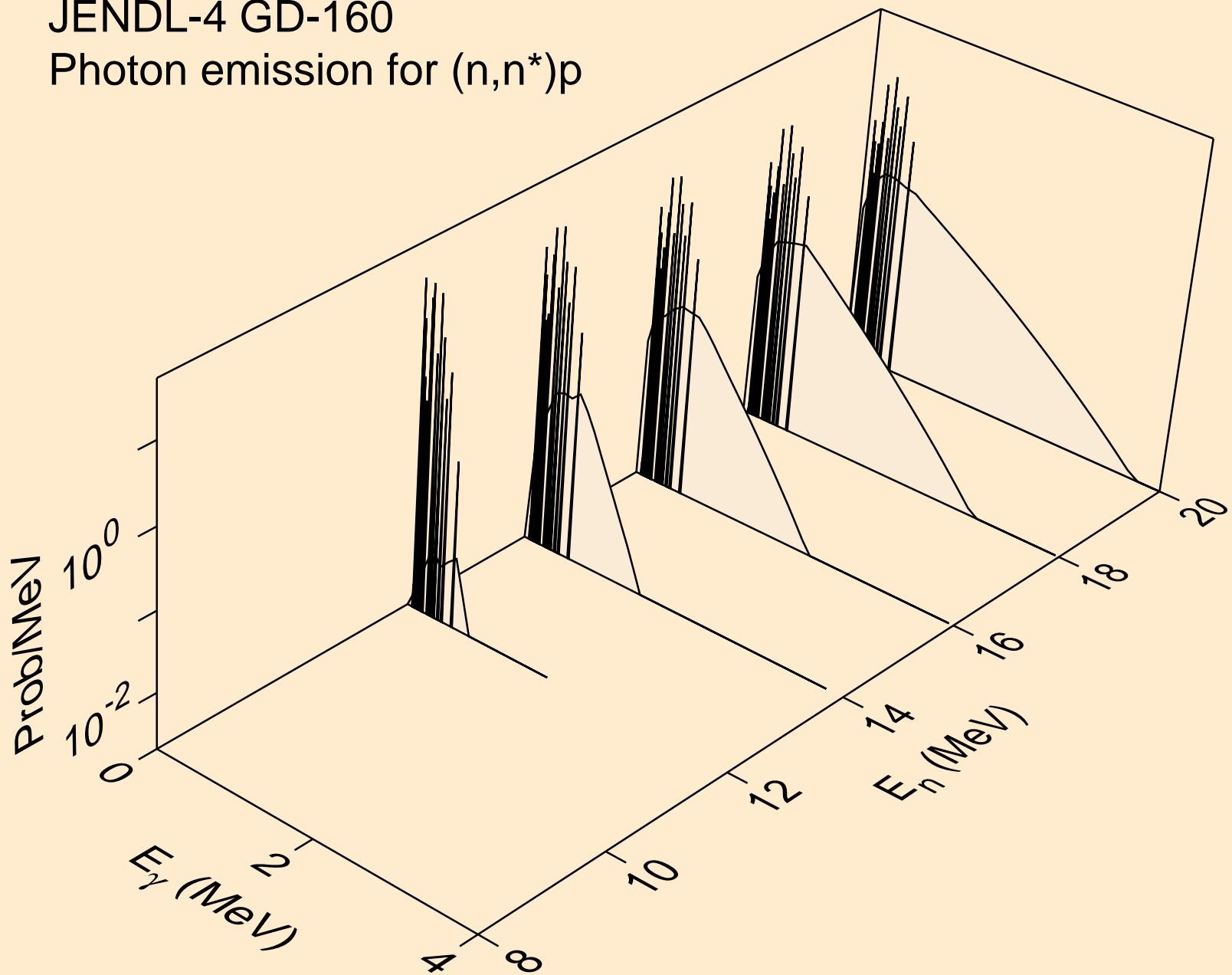
JENDL-4 GD-160  
Photon emission for  $(n,n^*)a$



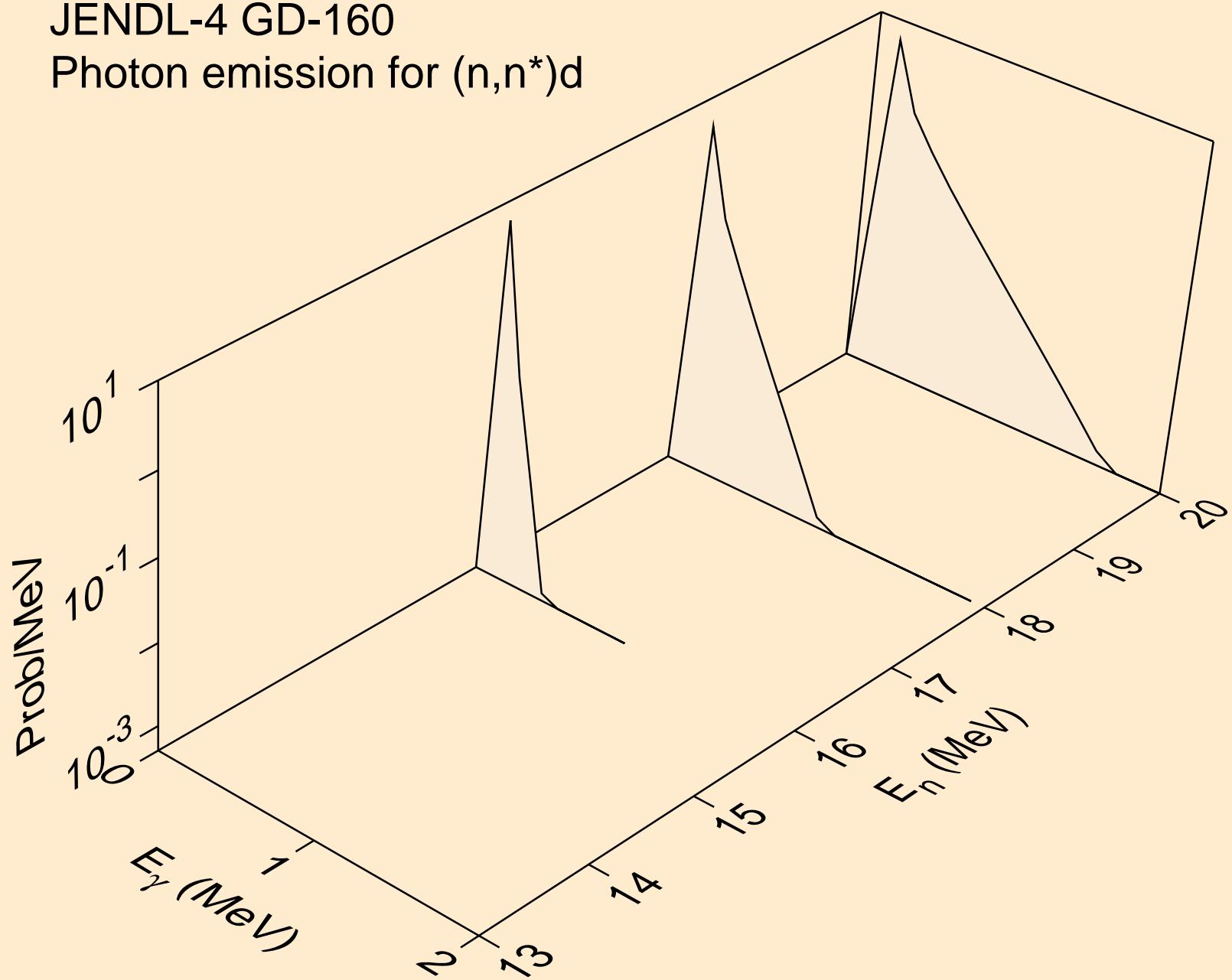
JENDL-4 GD-160  
Photon emission for (n,2n)a



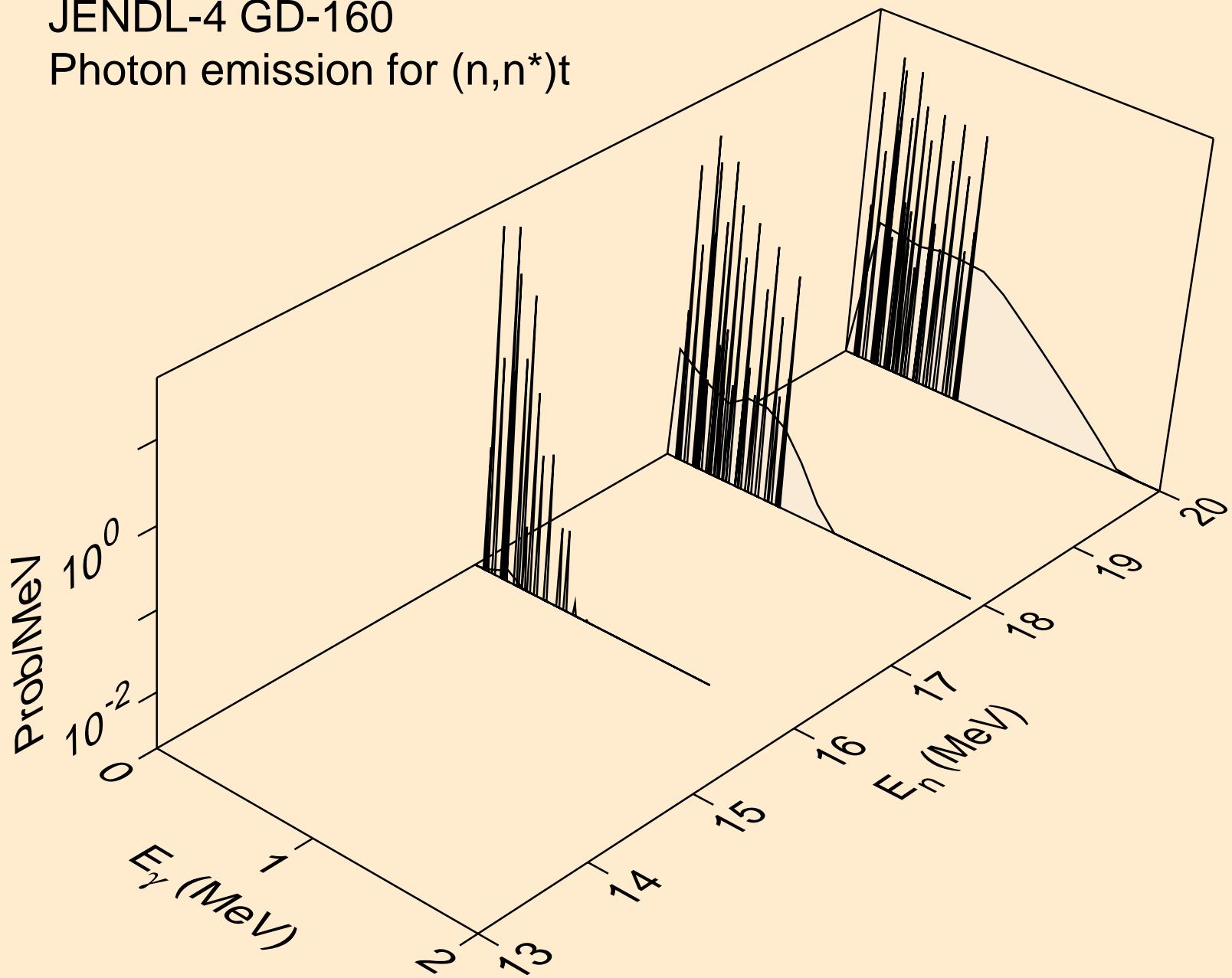
JENDL-4 GD-160  
Photon emission for  $(n,n^*)p$



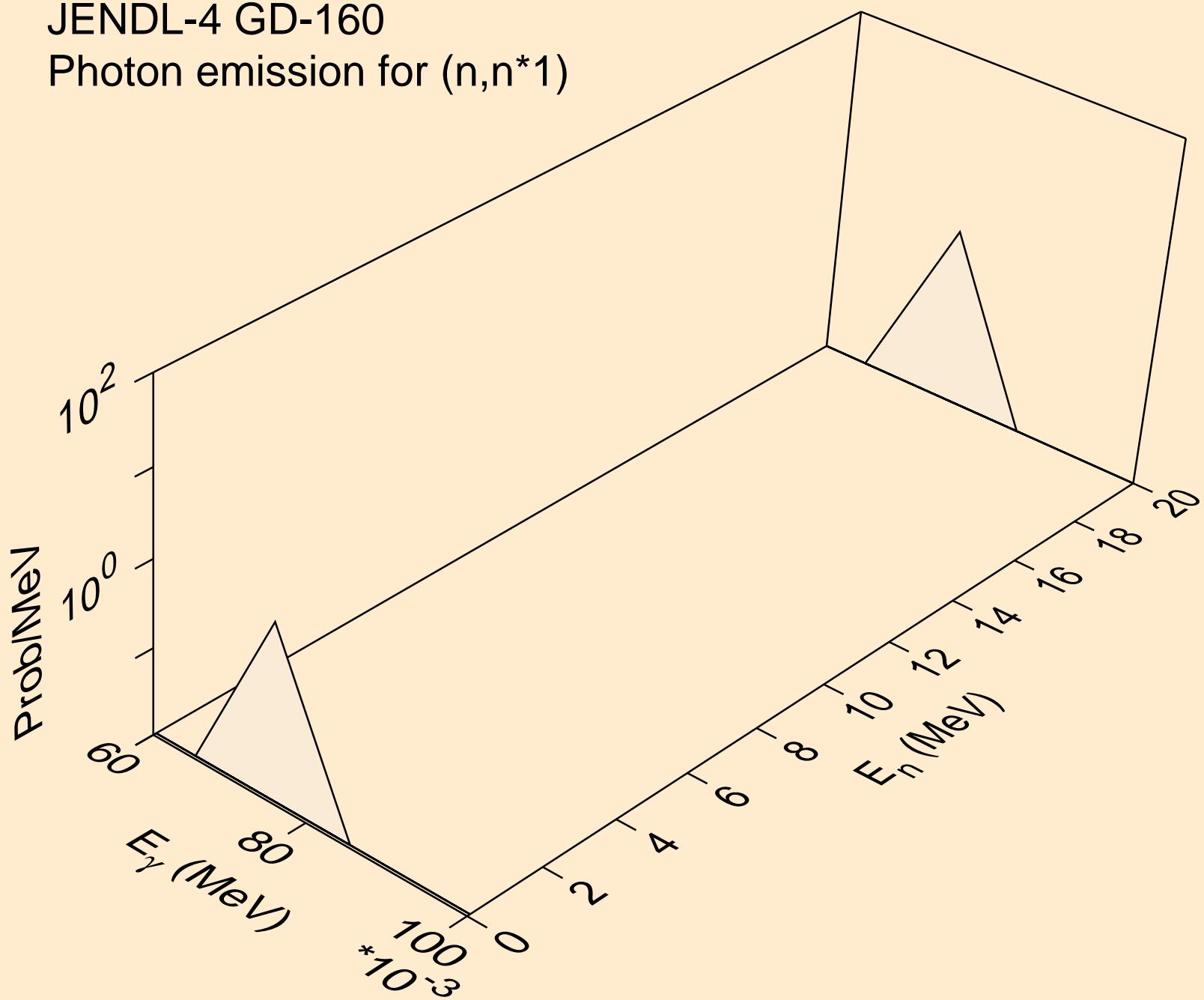
JENDL-4 GD-160  
Photon emission for  $(n,n^*)d$



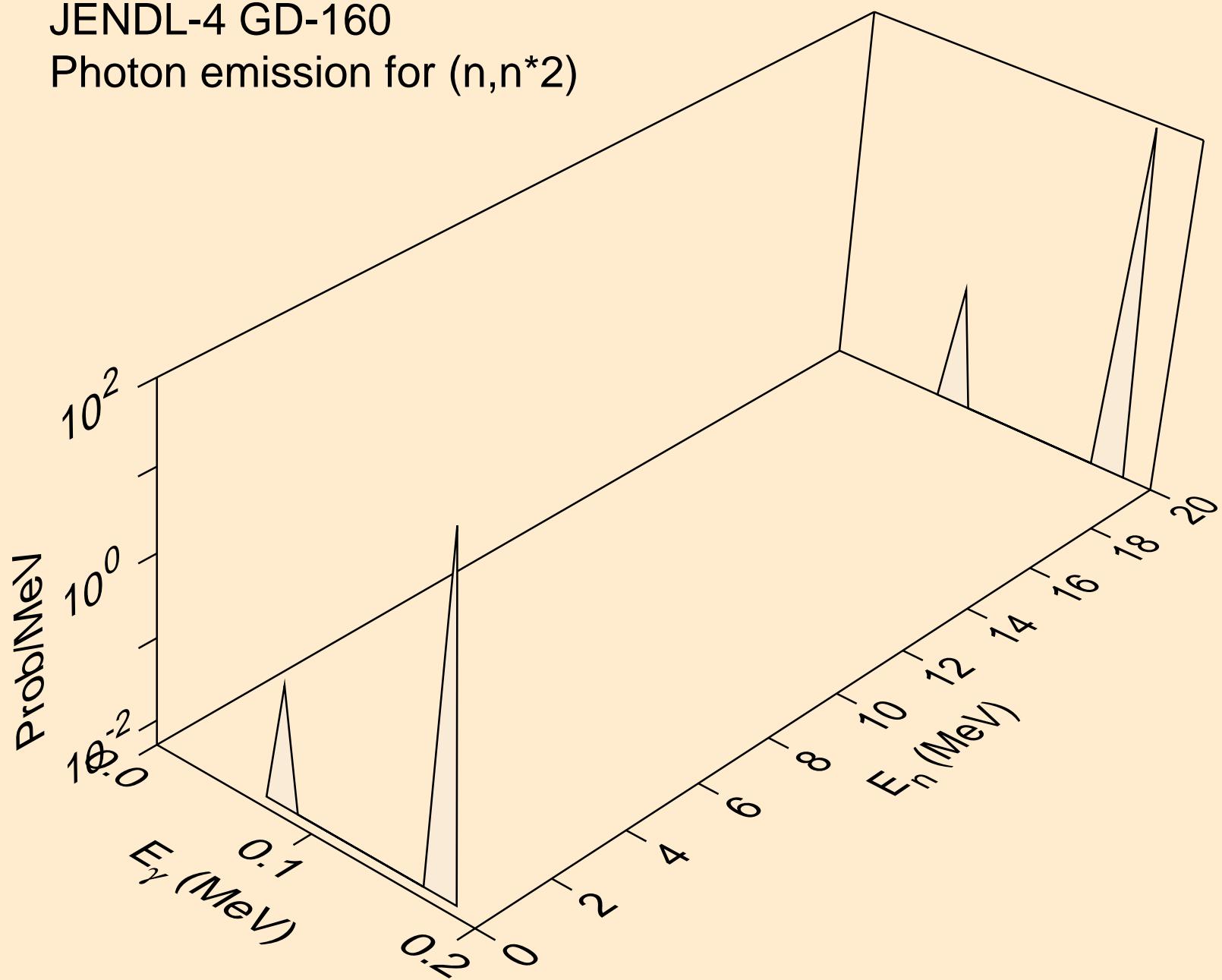
JENDL-4 GD-160  
Photon emission for  $(n,n^*)t$



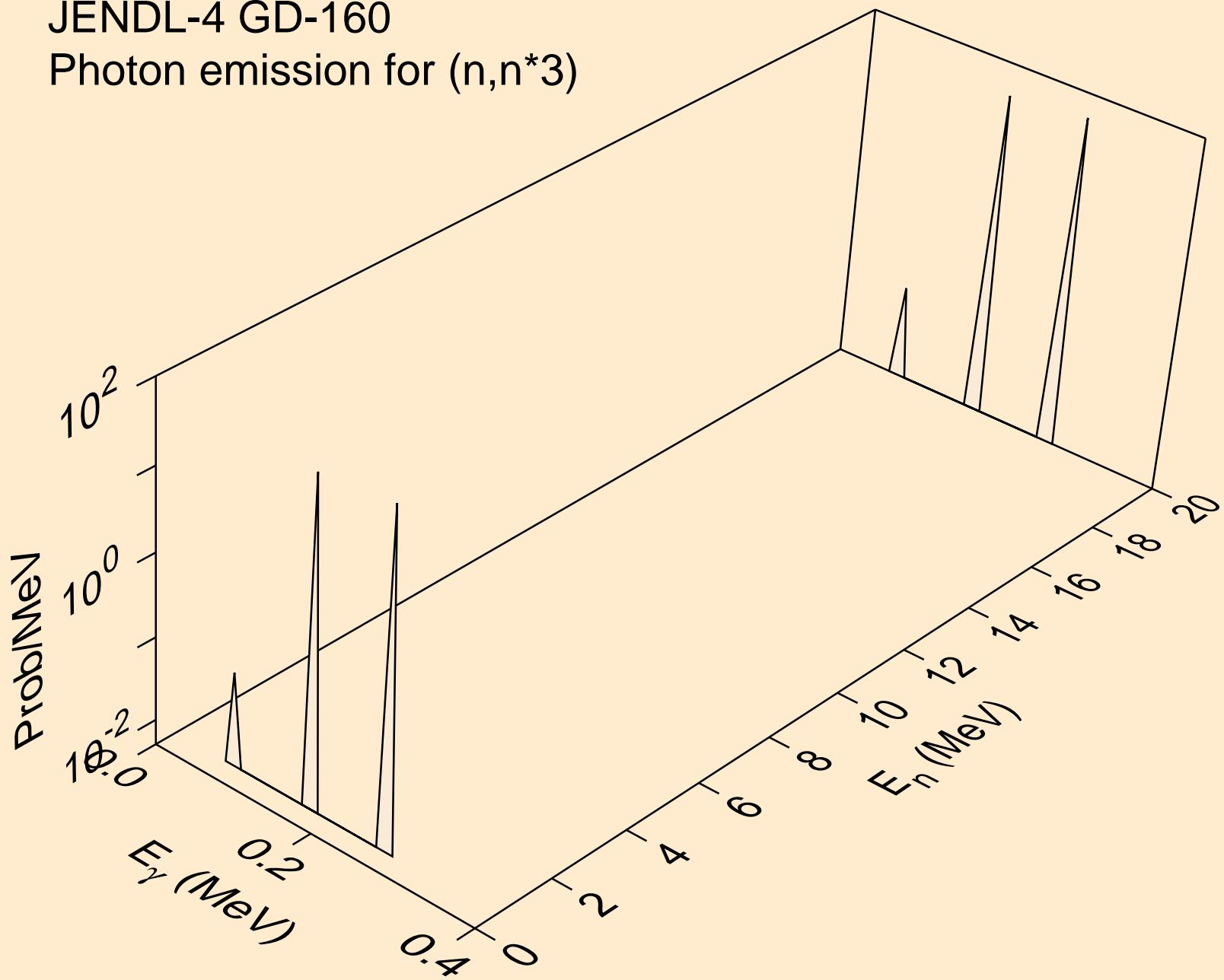
JENDL-4 GD-160  
Photon emission for (n,n\*1)



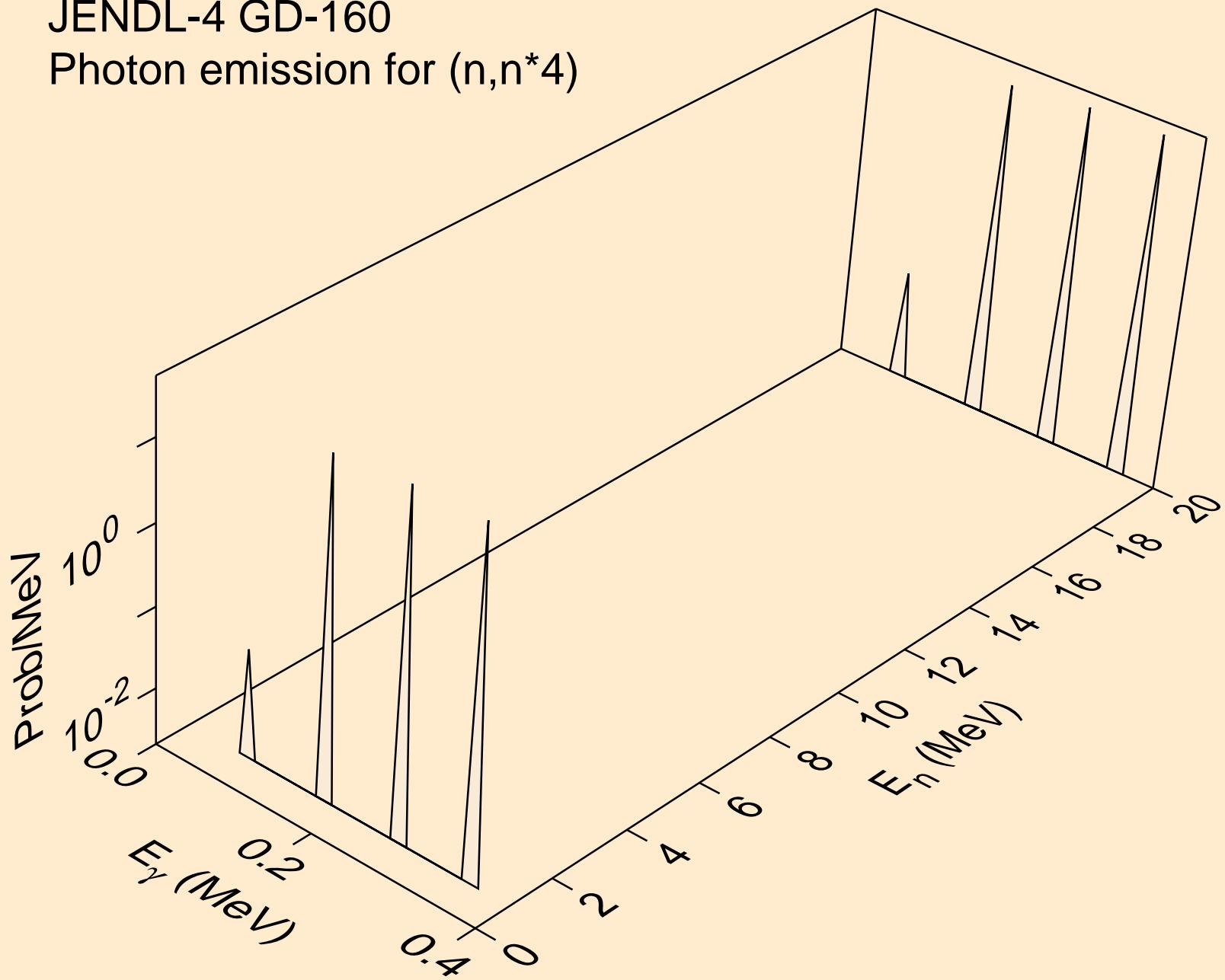
JENDL-4 GD-160  
Photon emission for (n,n\*2)



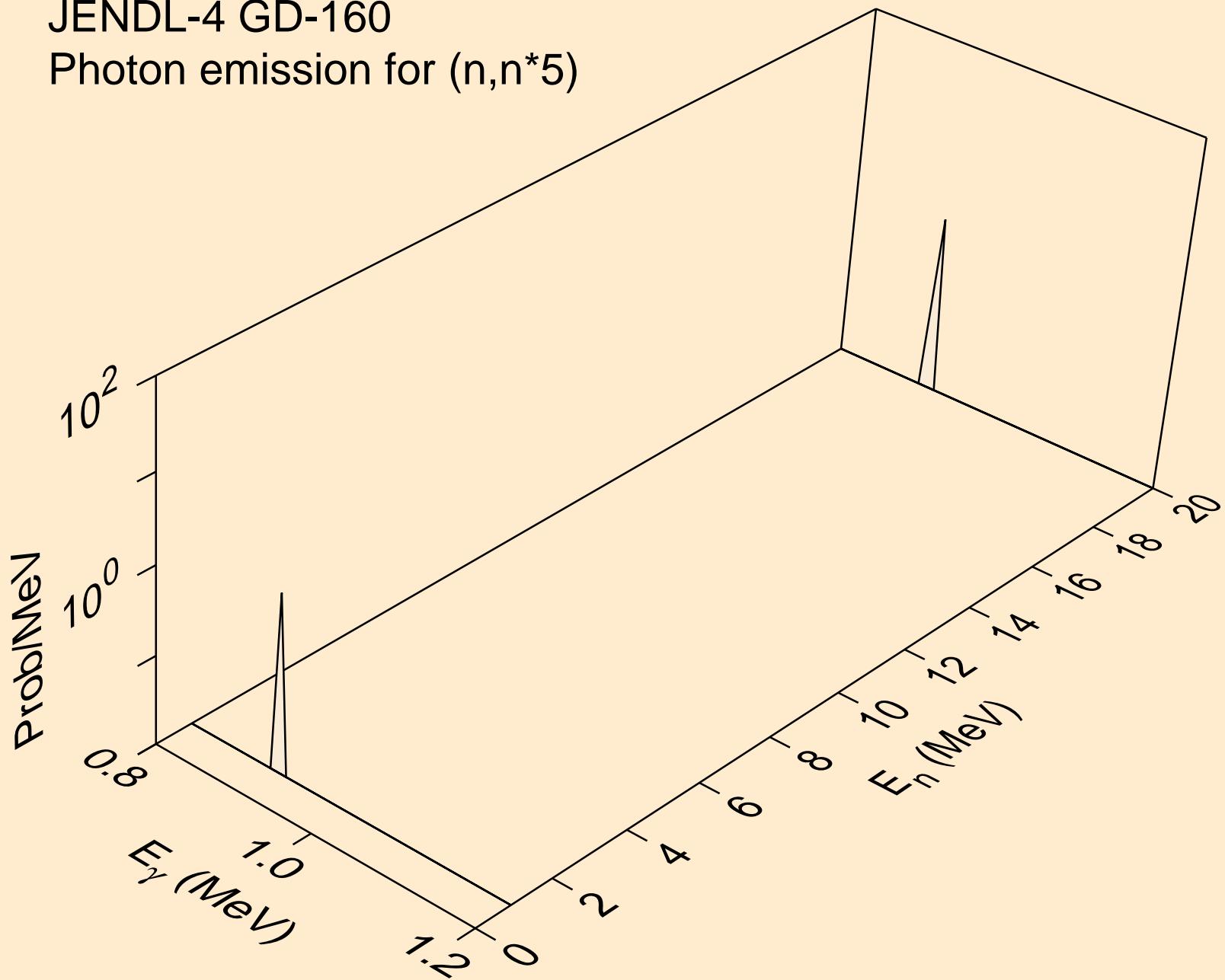
JENDL-4 GD-160  
Photon emission for (n,n\*3)



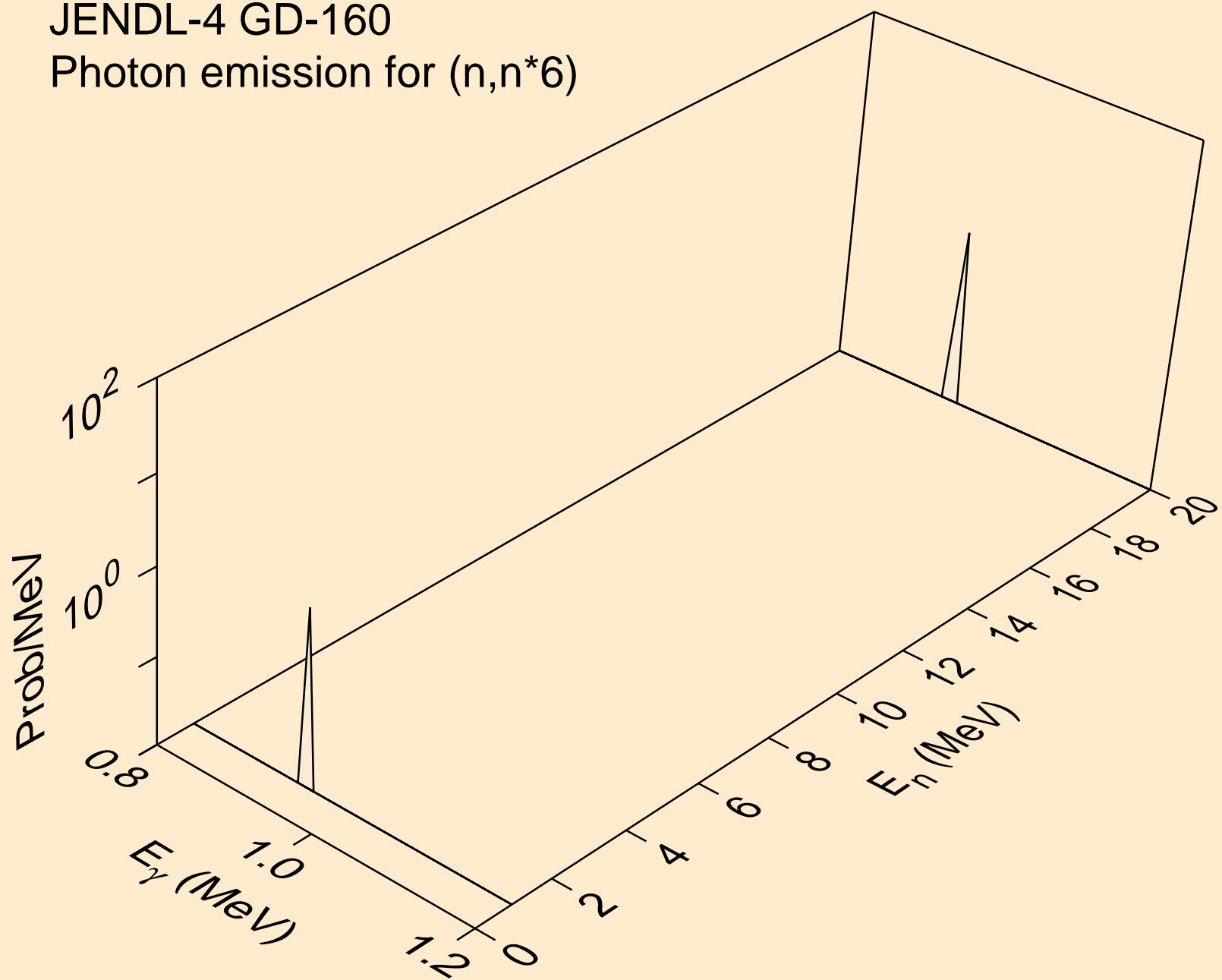
JENDL-4 GD-160  
Photon emission for ( $n, n^* 4$ )



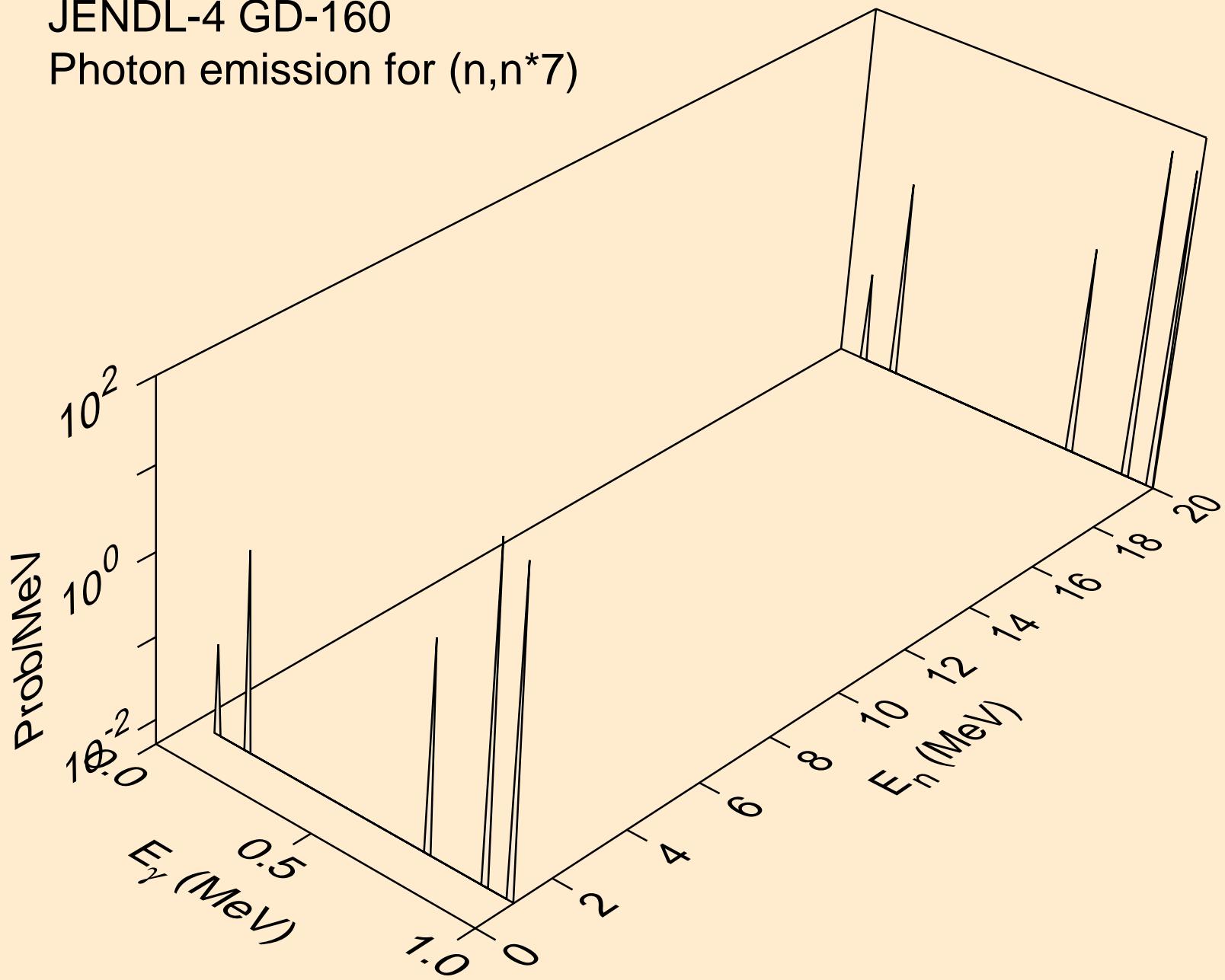
JENDL-4 GD-160  
Photon emission for (n,n\*5)



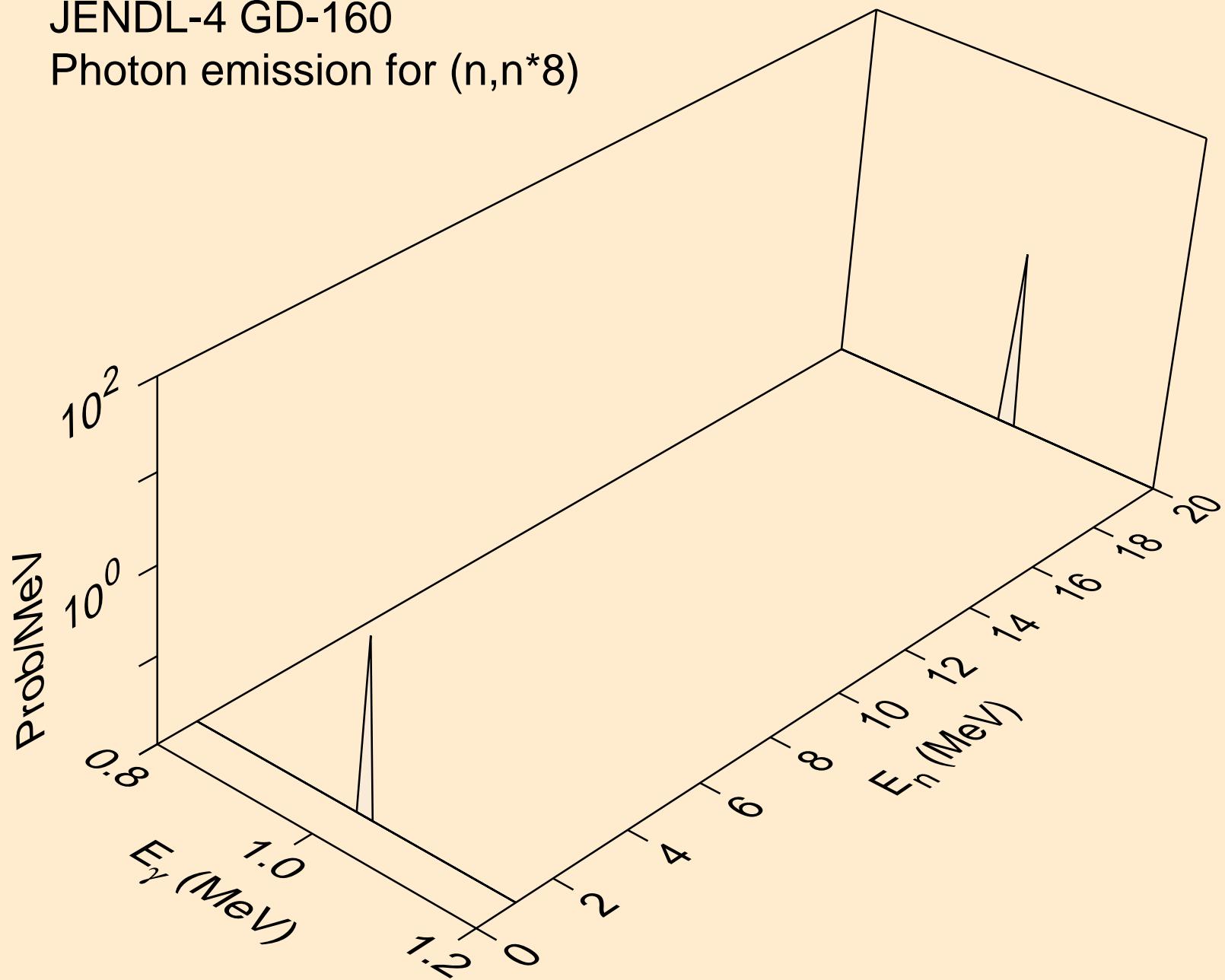
JENDL-4 GD-160  
Photon emission for ( $n, n^* 6$ )



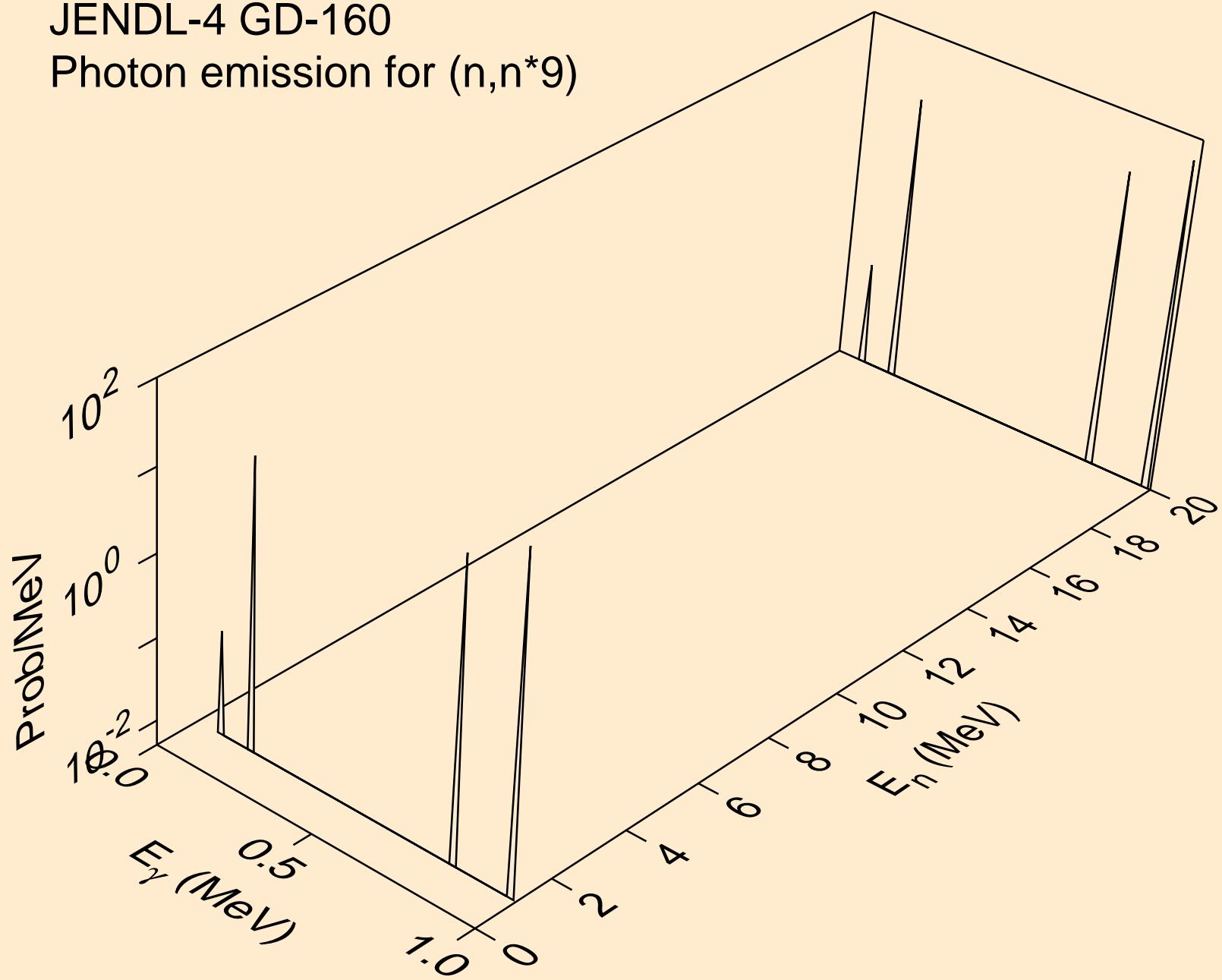
JENDL-4 GD-160  
Photon emission for ( $n, n^* 7$ )



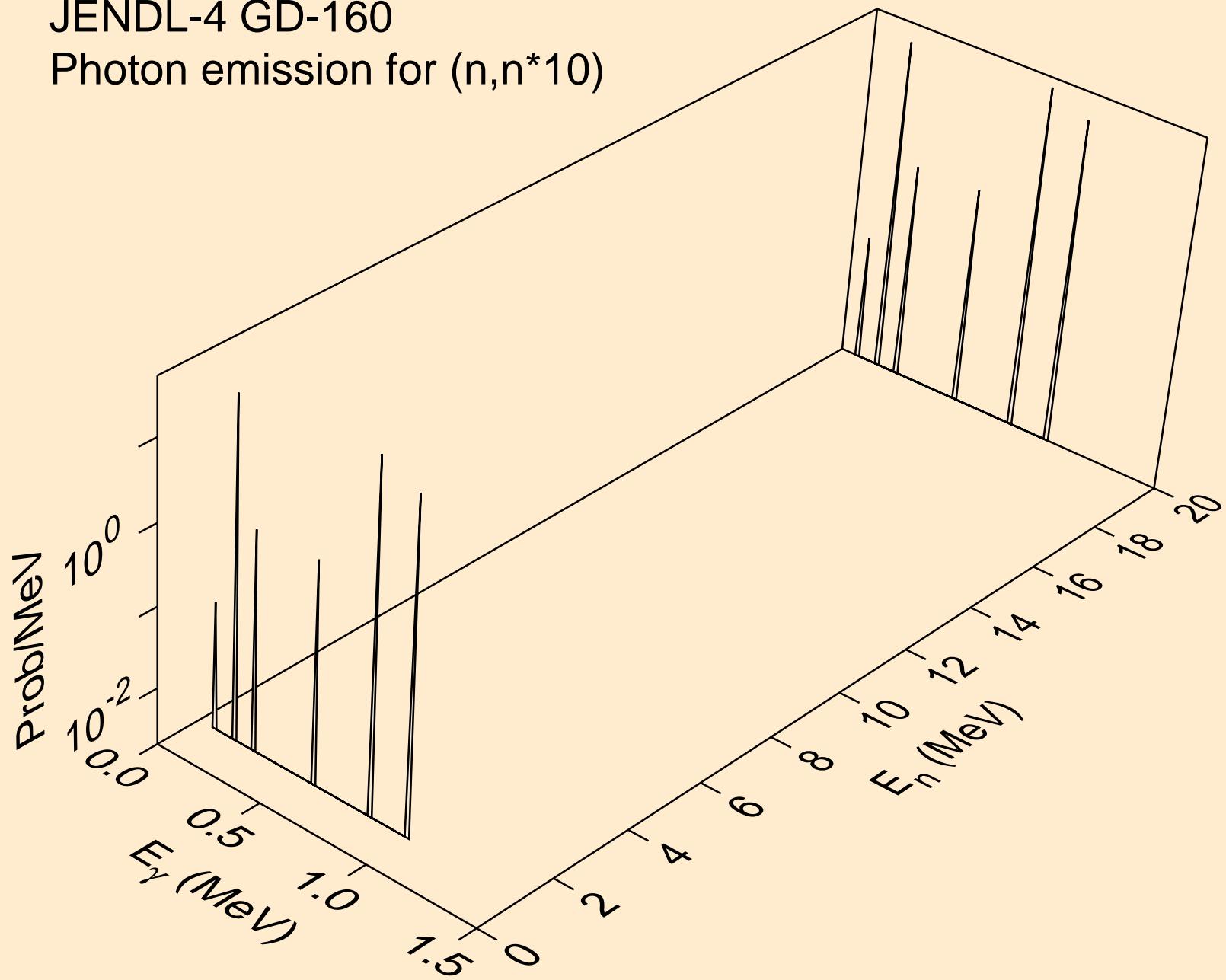
JENDL-4 GD-160  
Photon emission for (n,n\*8)



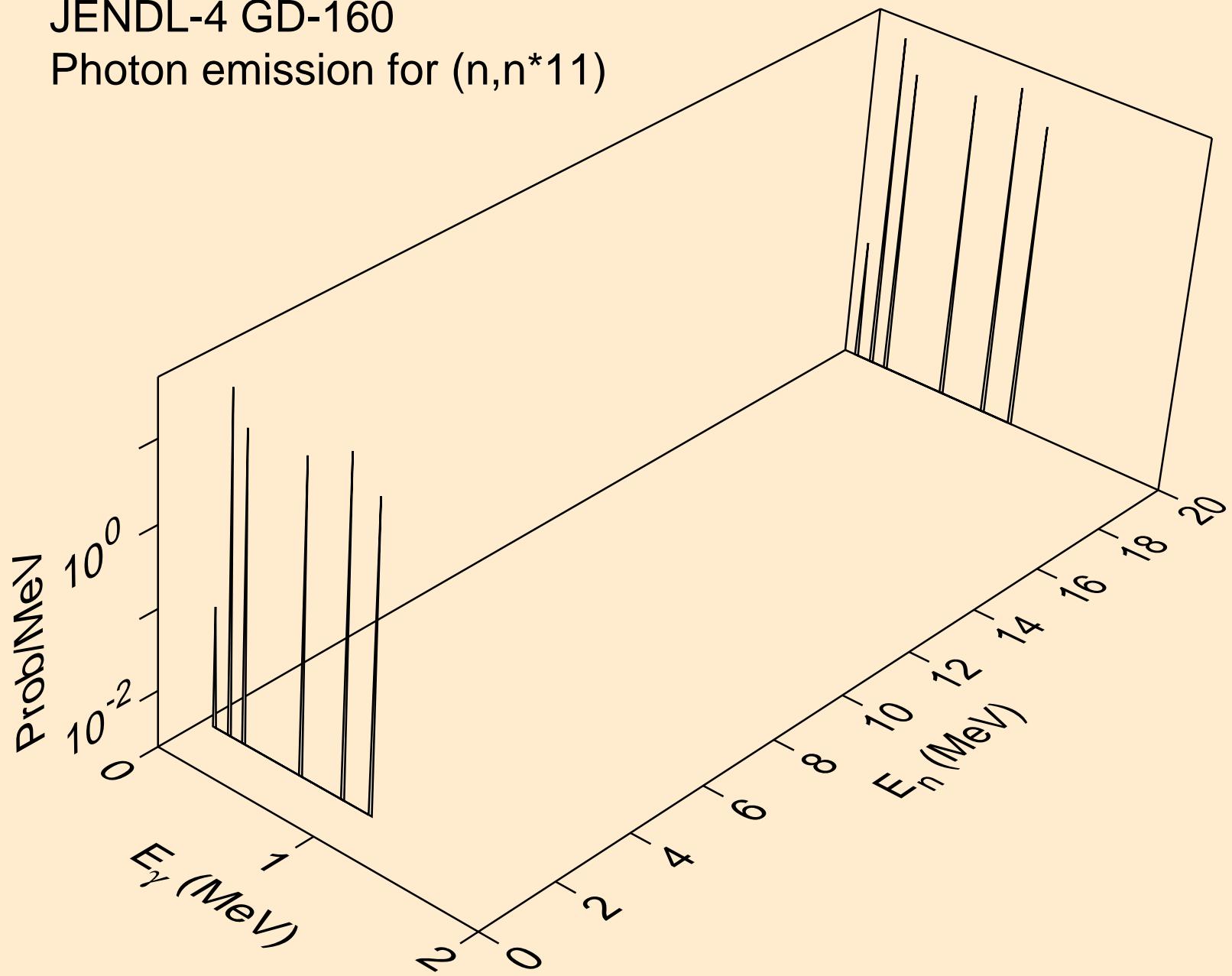
JENDL-4 GD-160  
Photon emission for (n,n\*9)



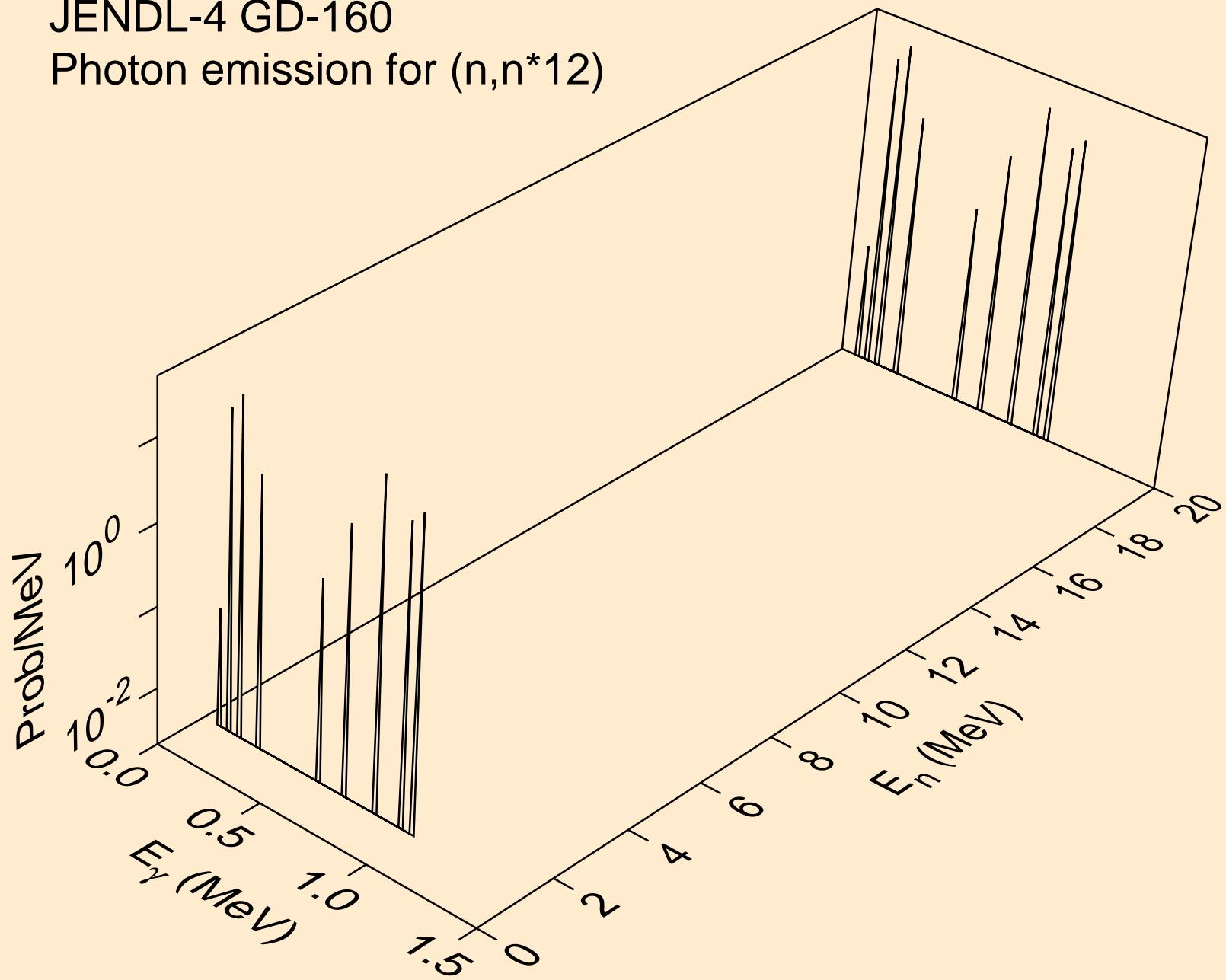
JENDL-4 GD-160  
Photon emission for ( $n,n^*$ ) $\times 10$



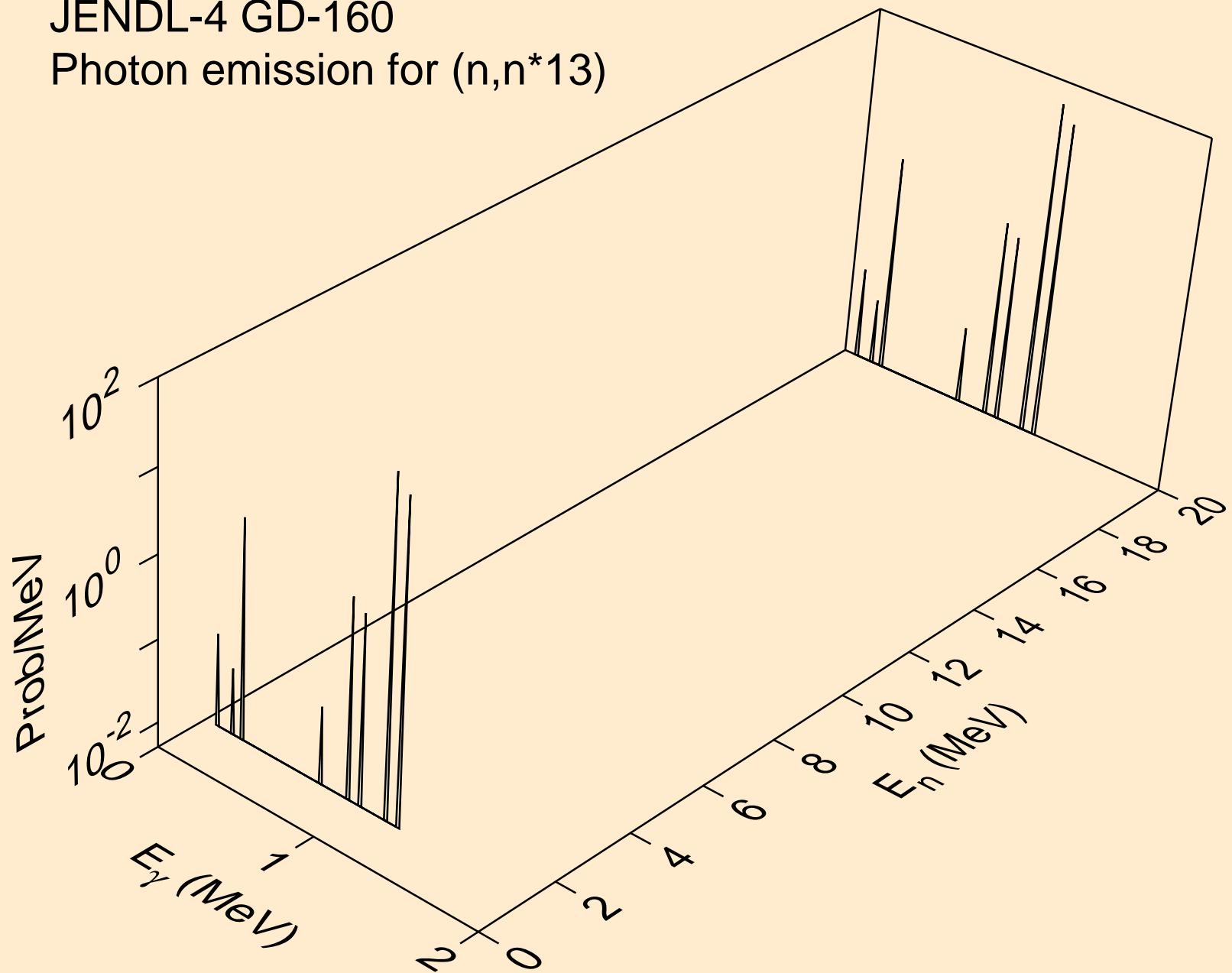
JENDL-4 GD-160  
Photon emission for (n,n\*11)



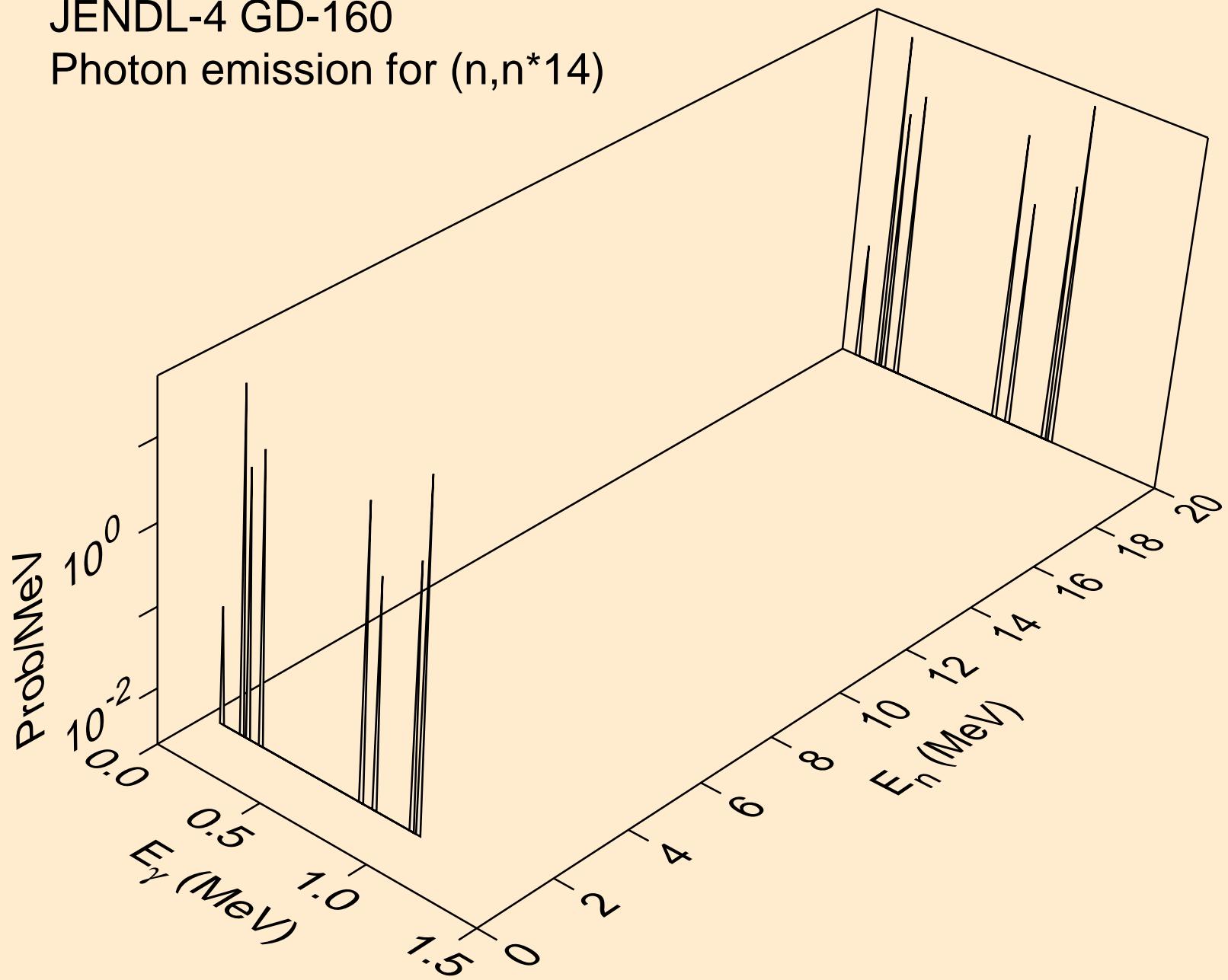
JENDL-4 GD-160  
Photon emission for  $(n,n^*12)$



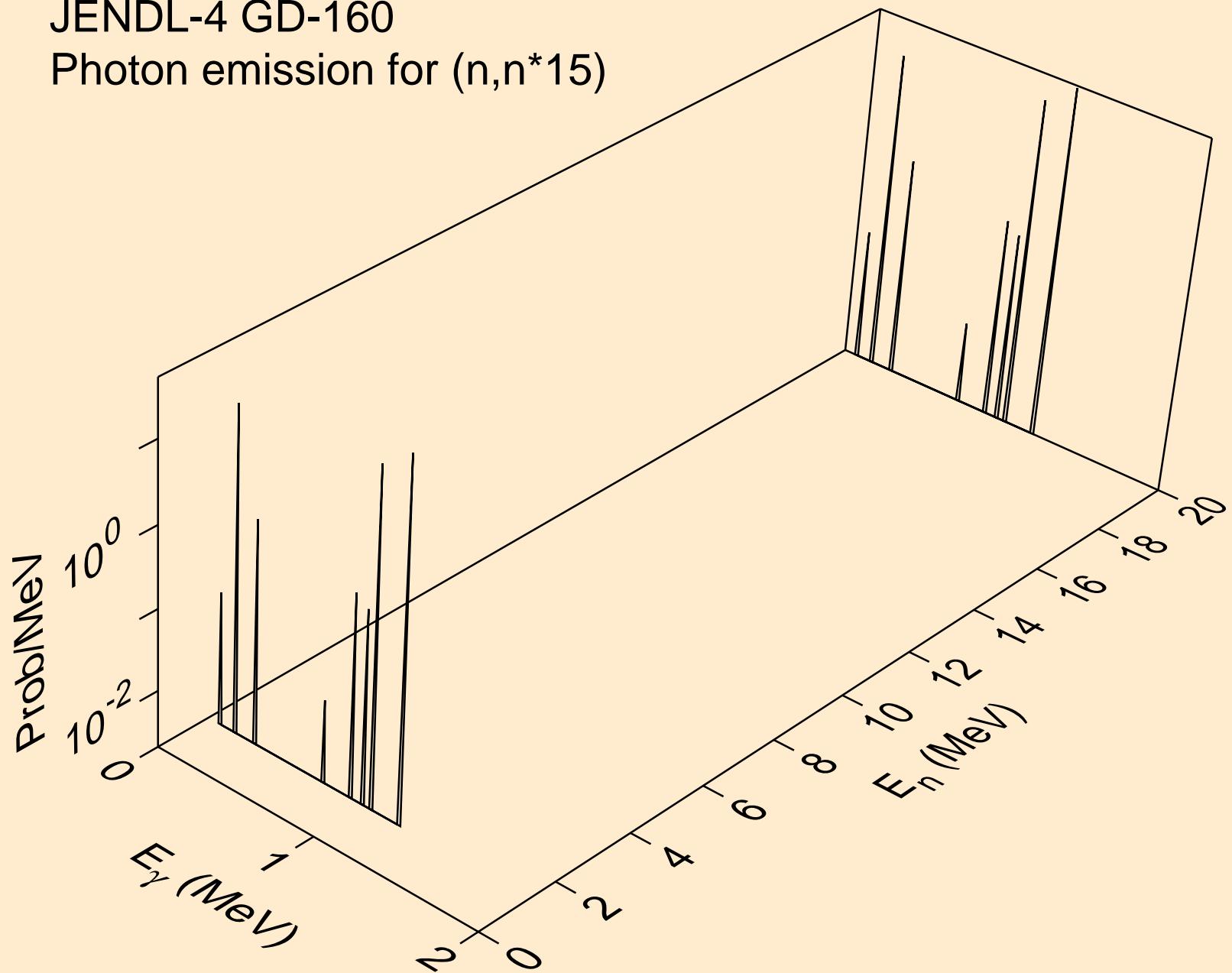
JENDL-4 GD-160  
Photon emission for ( $n, n^* 13$ )



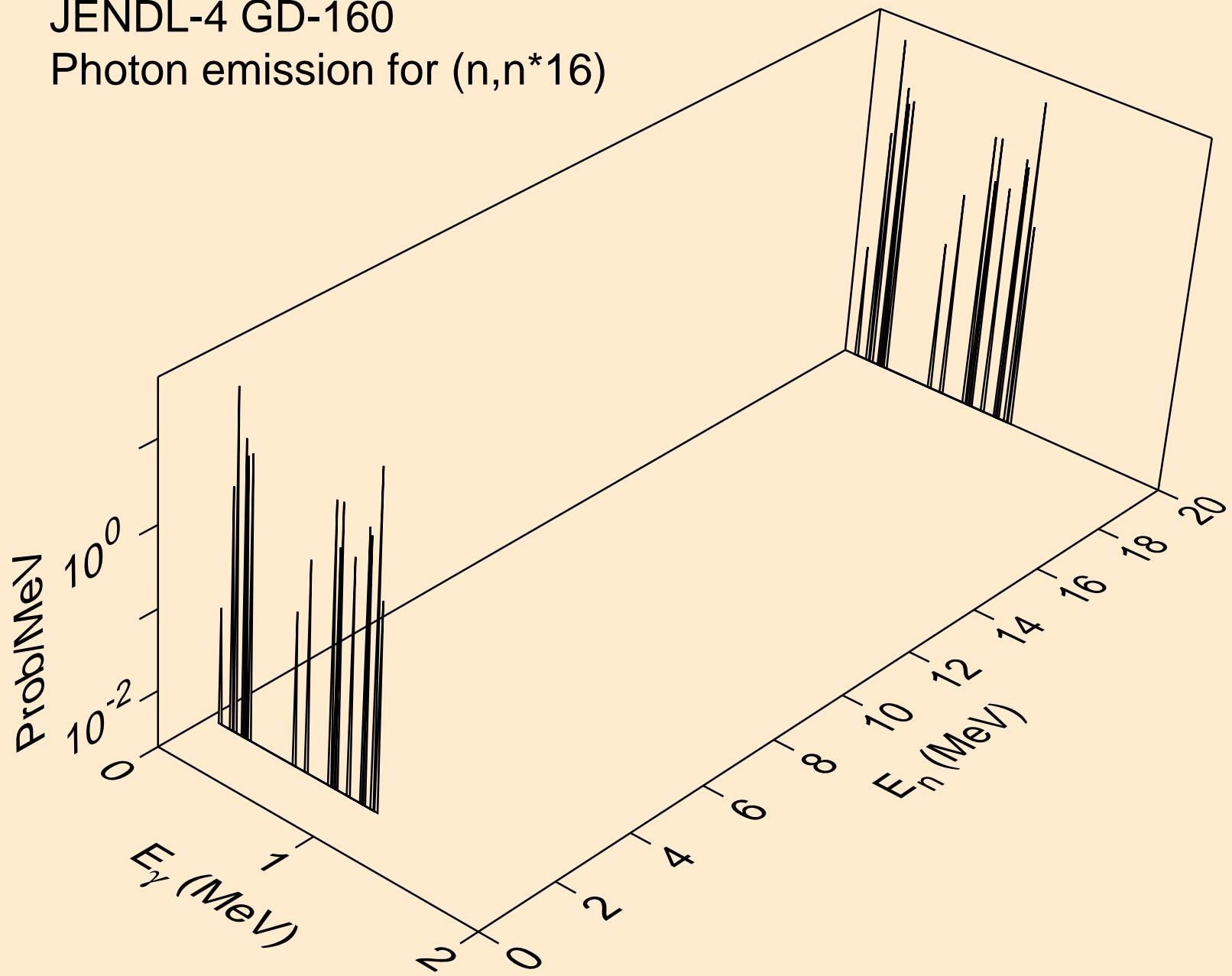
JENDL-4 GD-160  
Photon emission for ( $n, n^* 14$ )



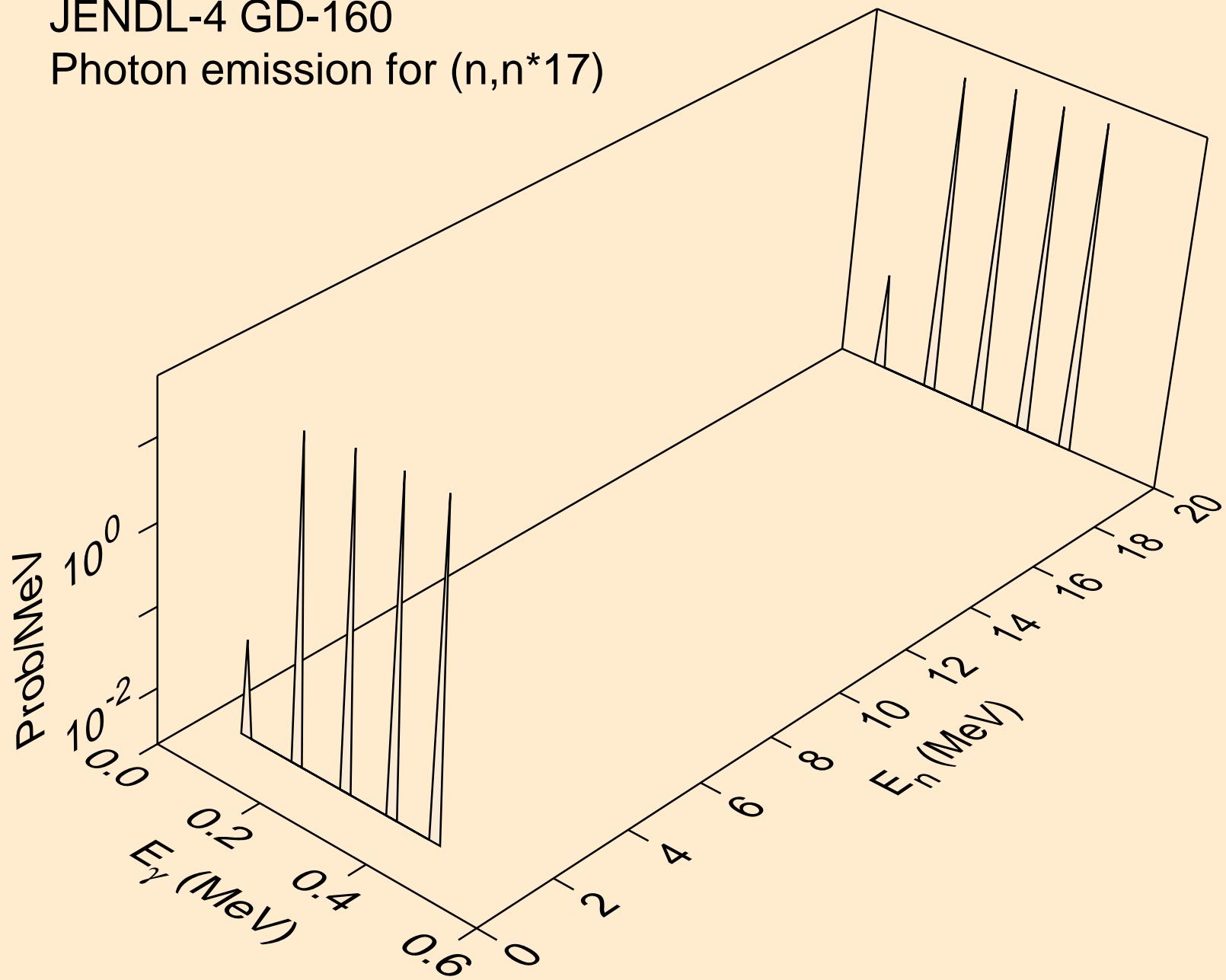
JENDL-4 GD-160  
Photon emission for ( $n, n^* 15$ )



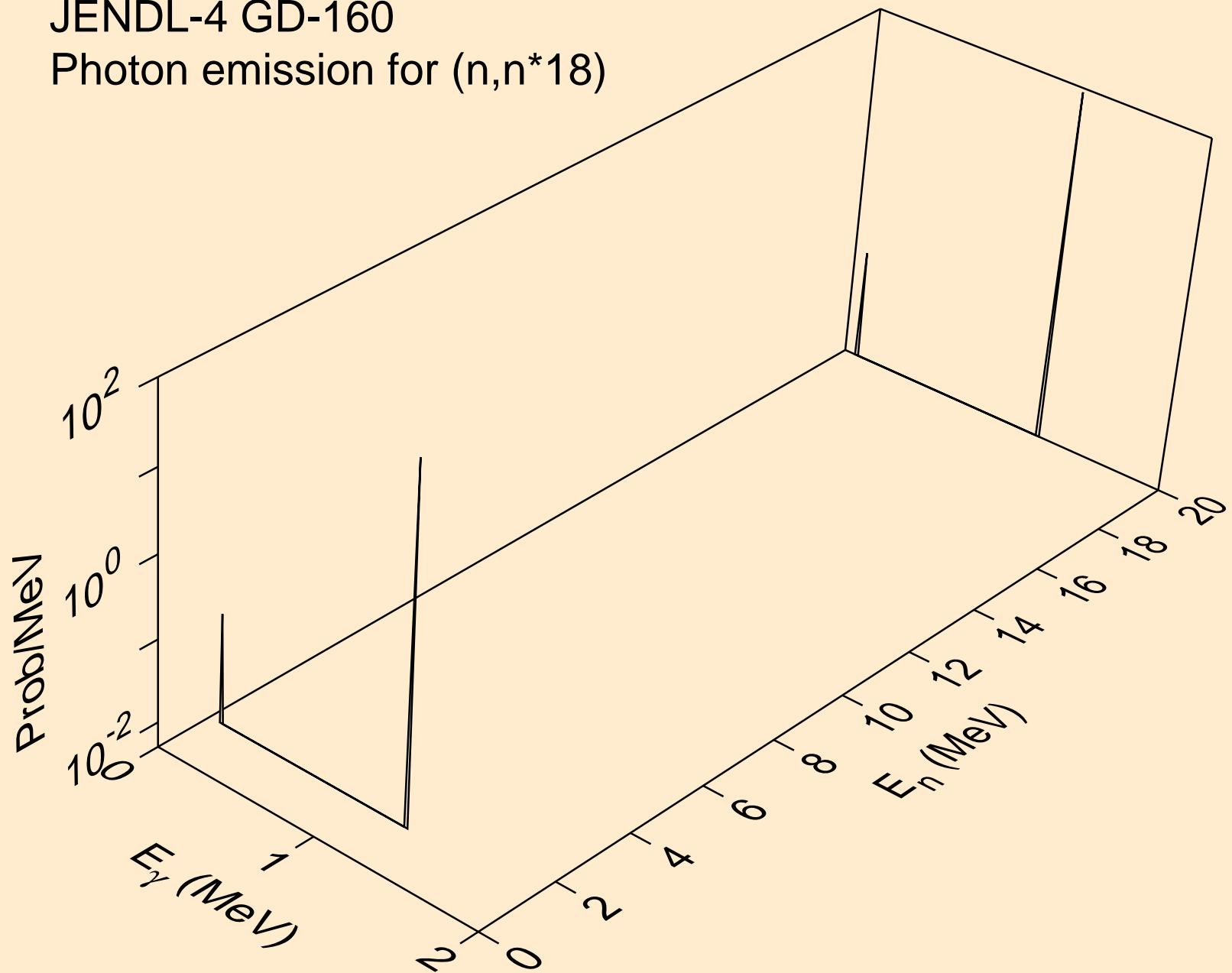
JENDL-4 GD-160  
Photon emission for  $(n,n^*16)$



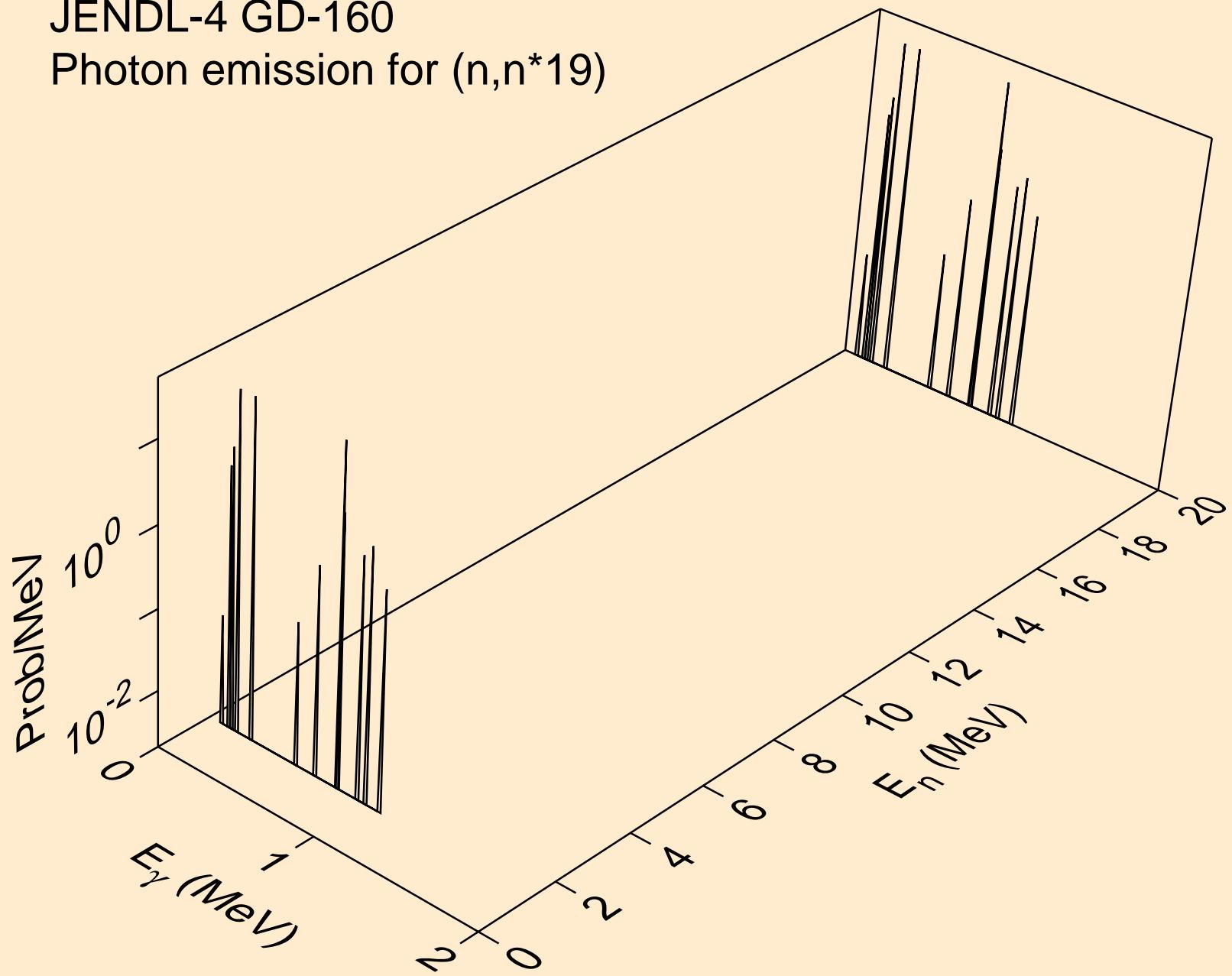
JENDL-4 GD-160  
Photon emission for ( $n, n^* 17$ )



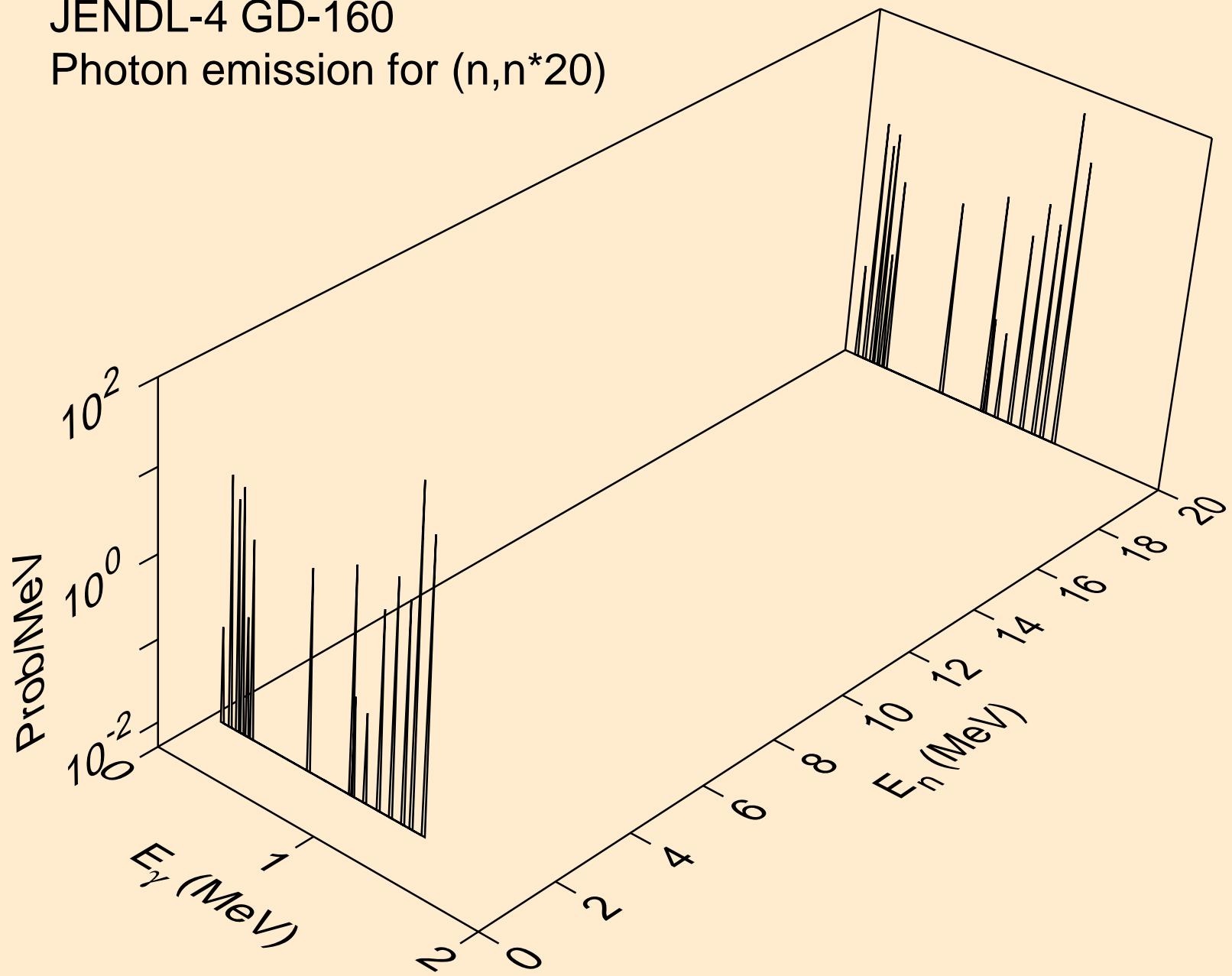
JENDL-4 GD-160  
Photon emission for ( $n, n^* 18$ )



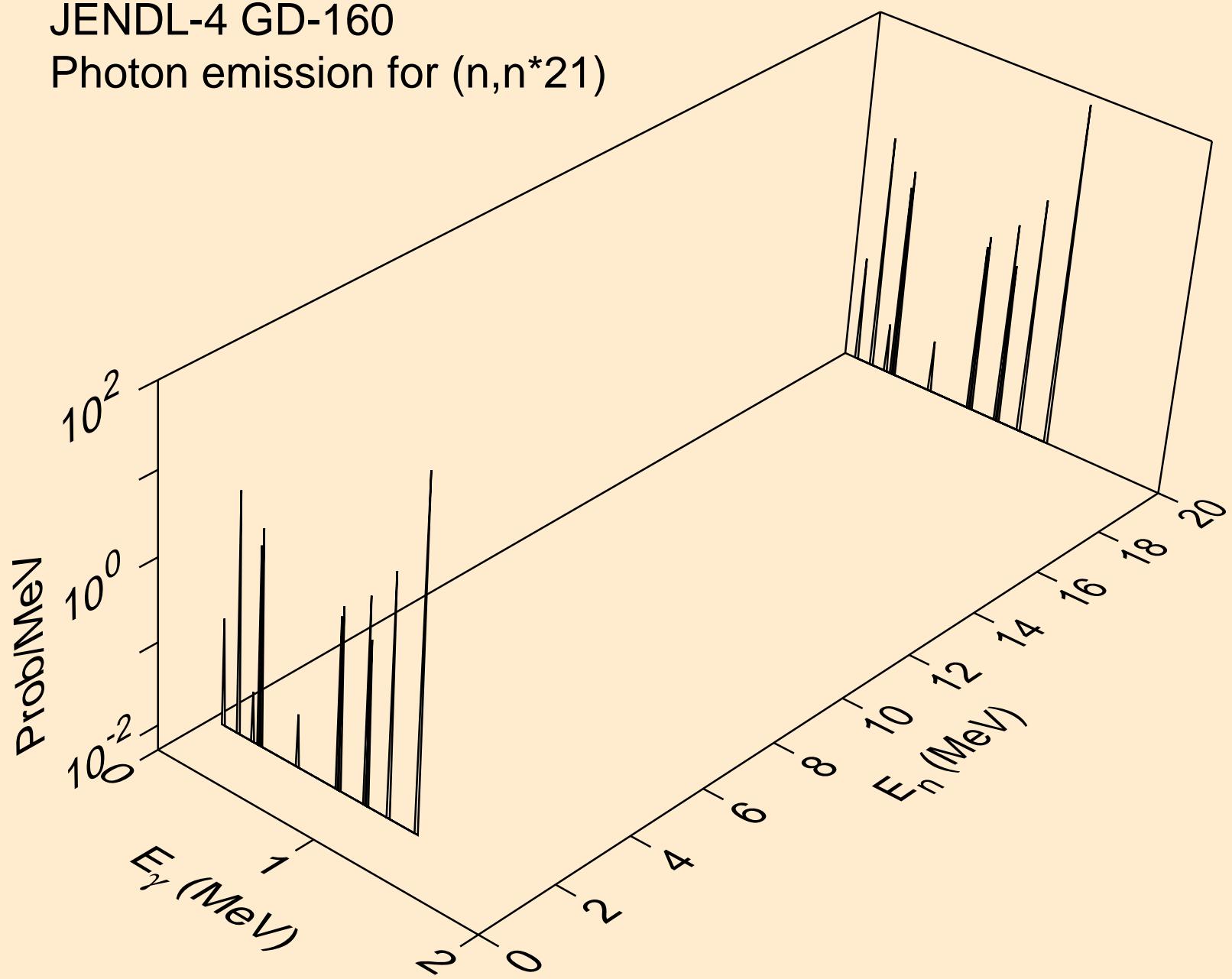
JENDL-4 GD-160  
Photon emission for  $(n,n^*19)$



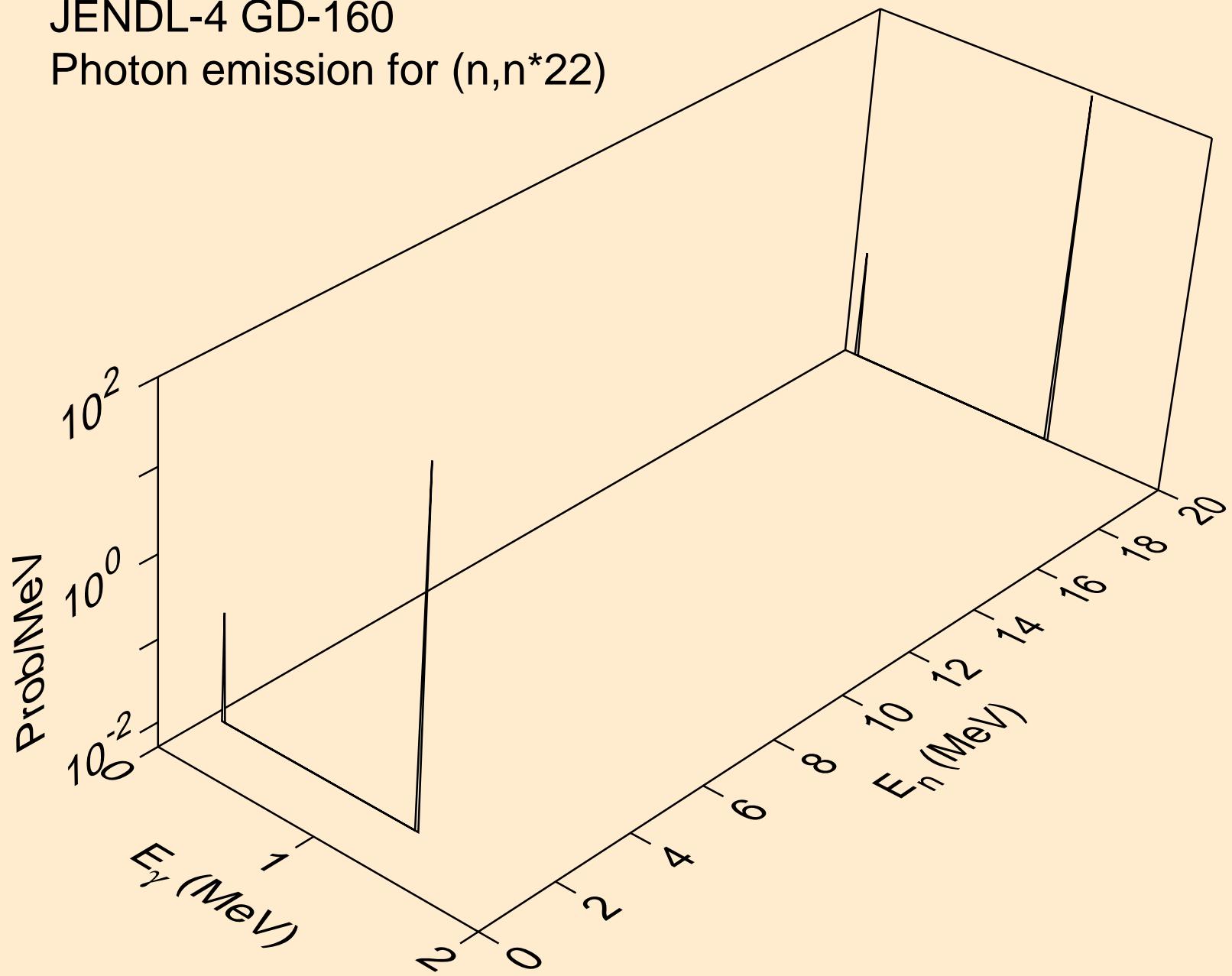
JENDL-4 GD-160  
Photon emission for ( $n, n^* 20$ )



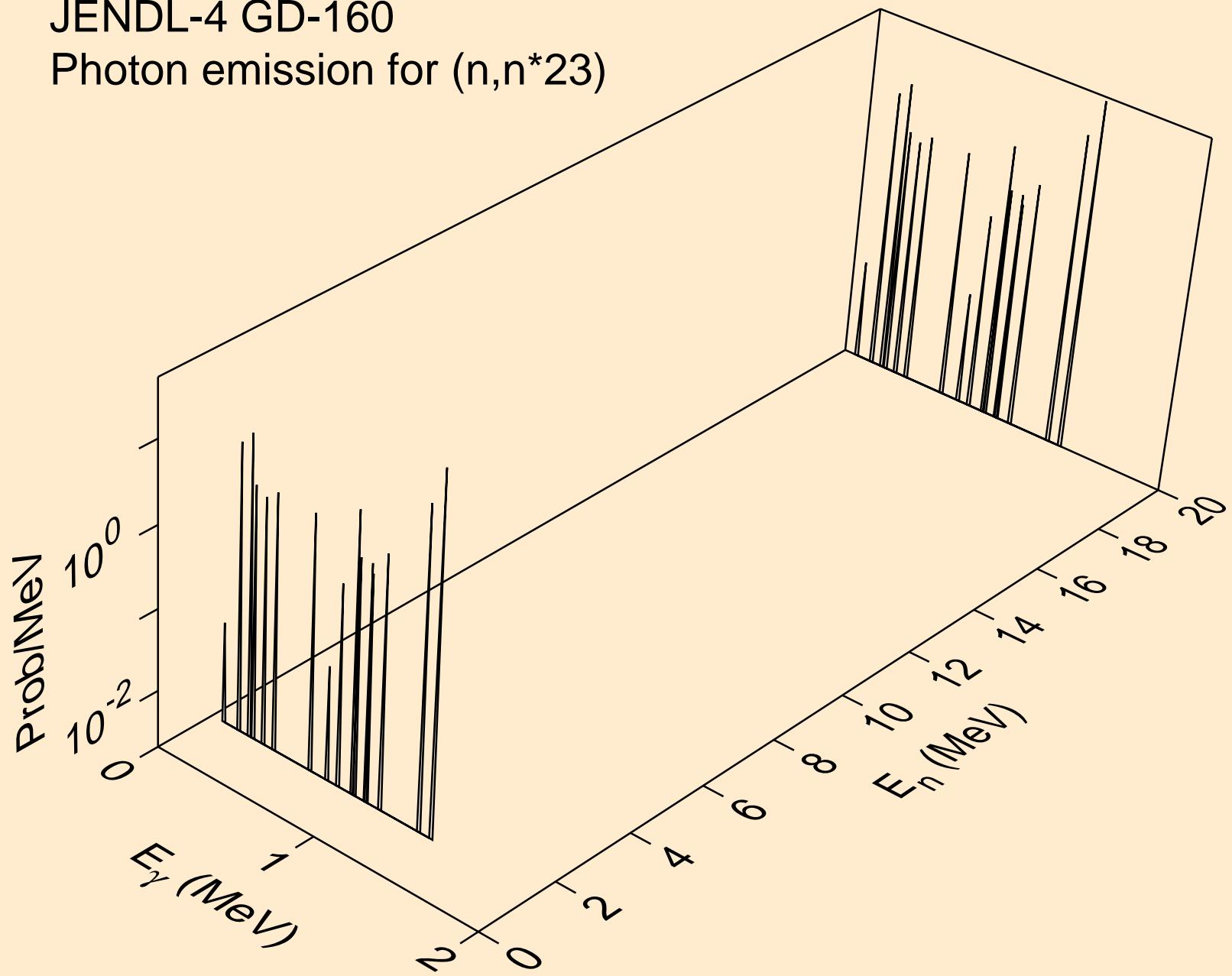
JENDL-4 GD-160  
Photon emission for ( $n, n^* 21$ )



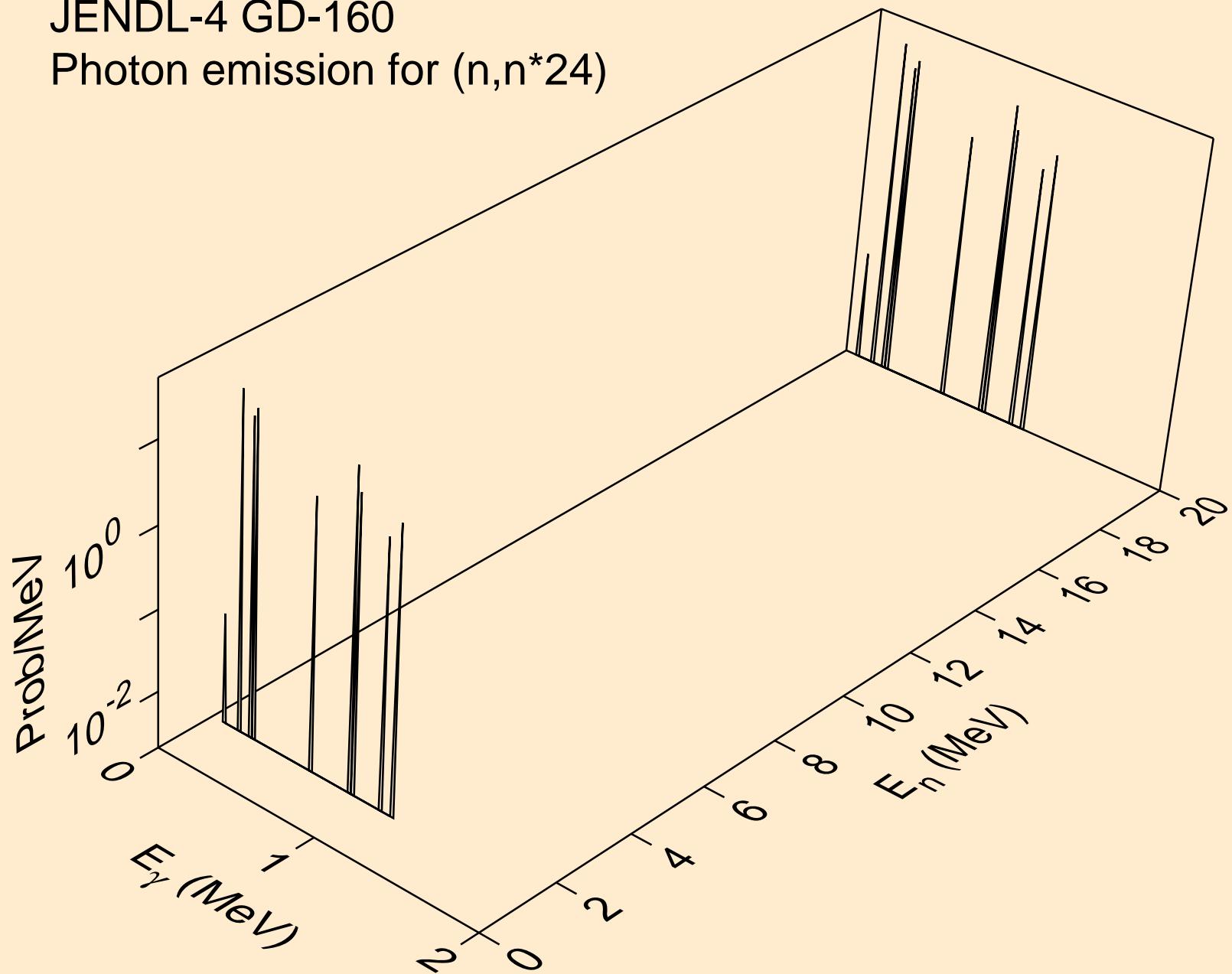
JENDL-4 GD-160  
Photon emission for ( $n, n^* 22$ )



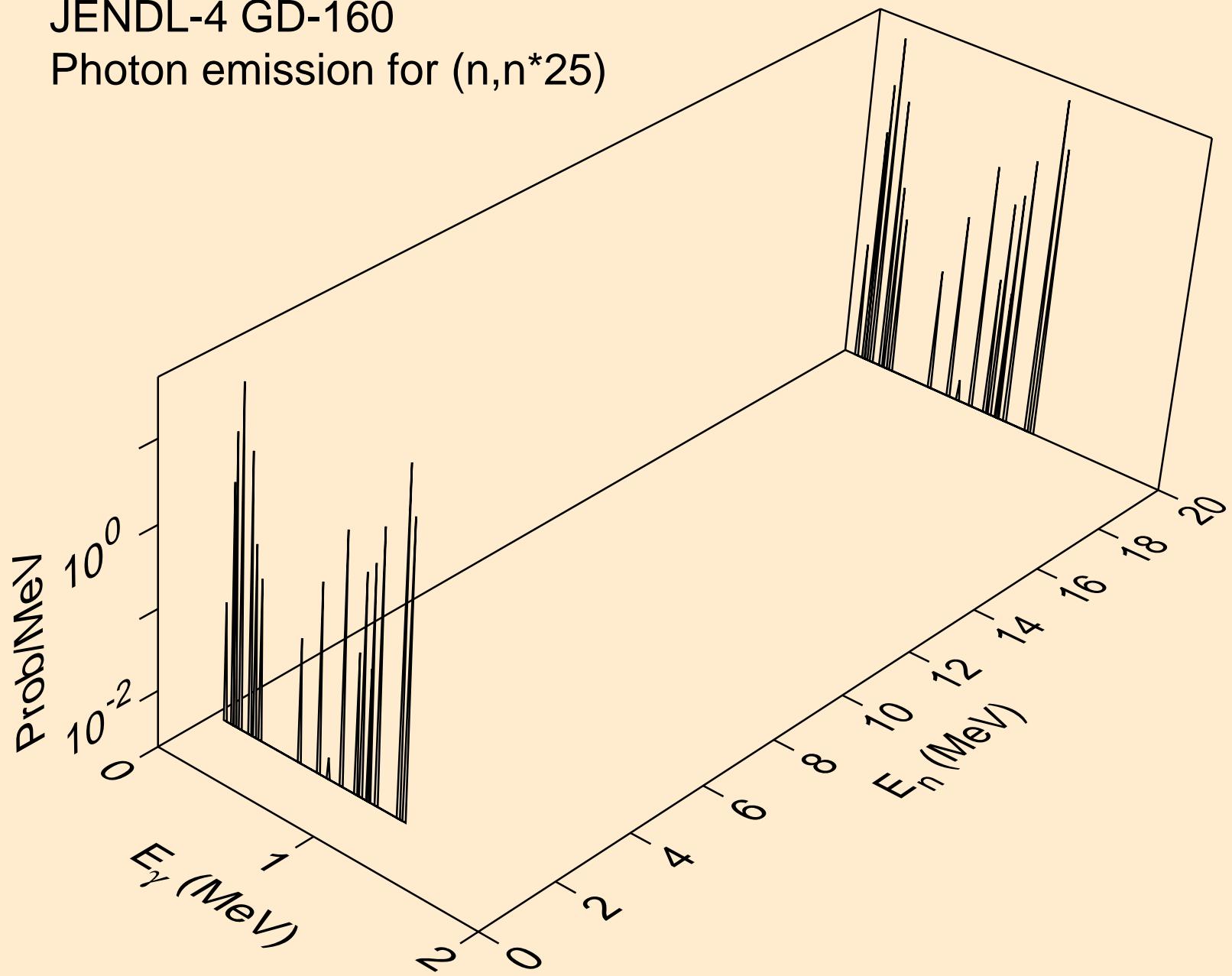
JENDL-4 GD-160  
Photon emission for ( $n, n^* 23$ )



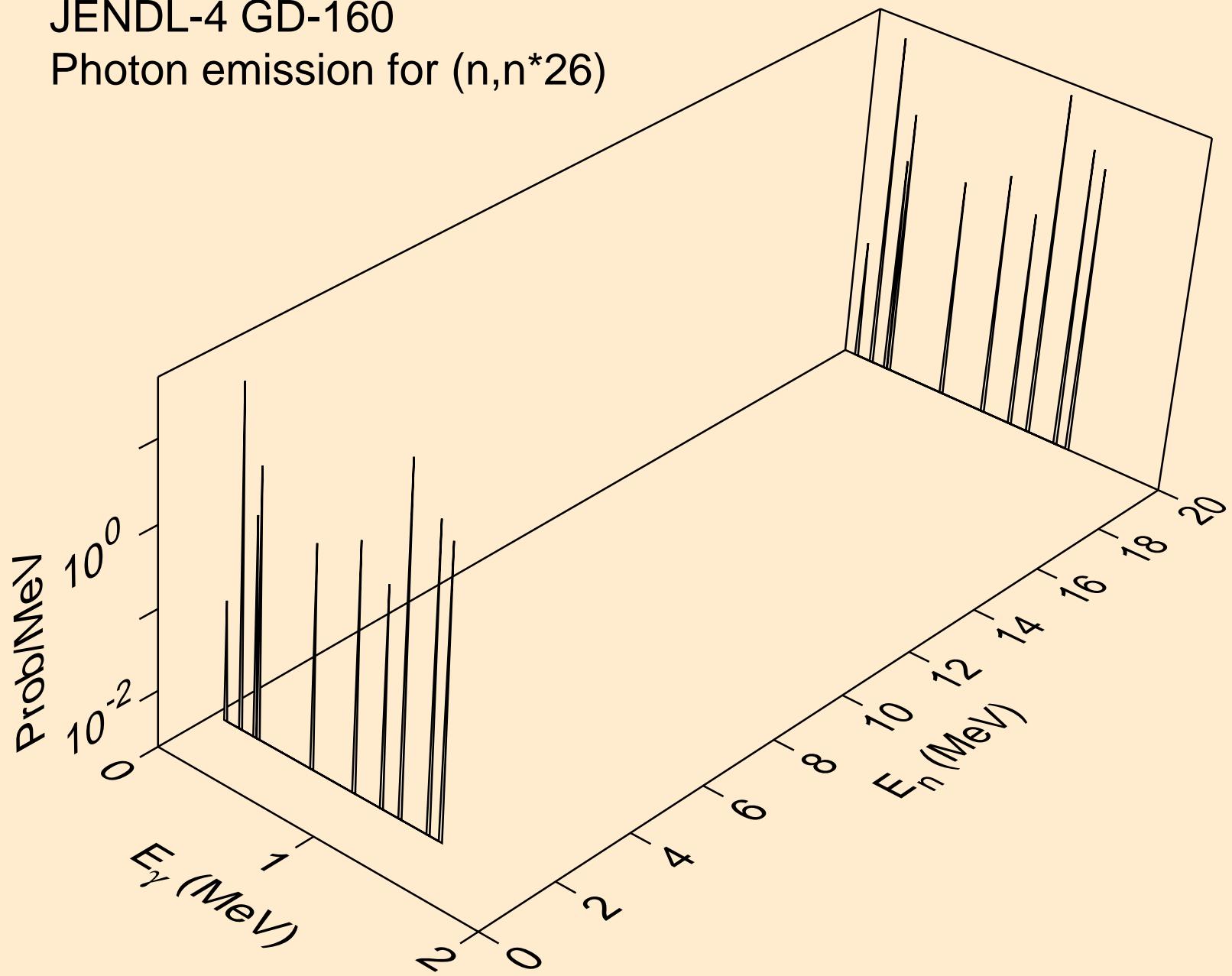
JENDL-4 GD-160  
Photon emission for ( $n, n^* 24$ )



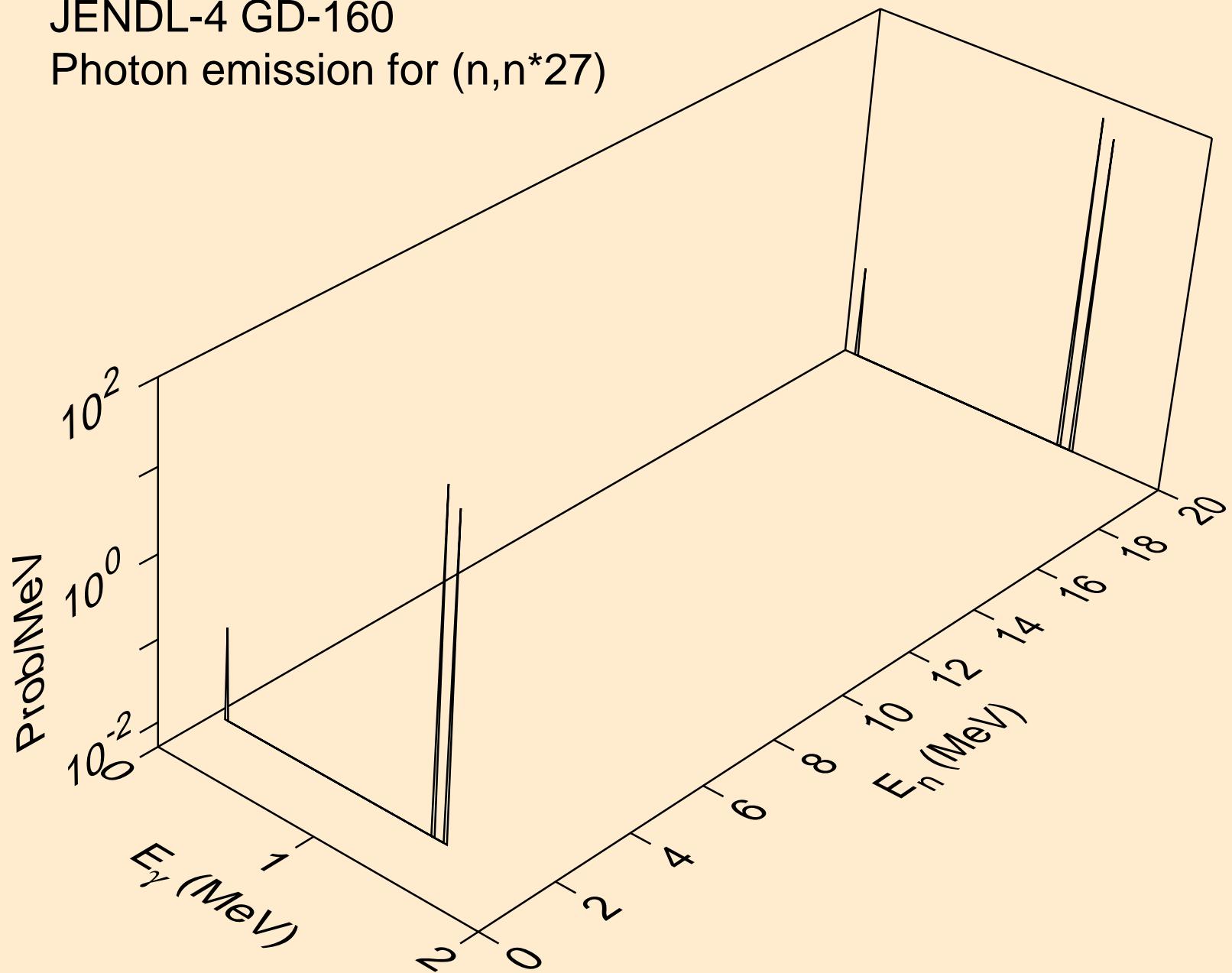
JENDL-4 GD-160  
Photon emission for ( $n, n^*$ )25



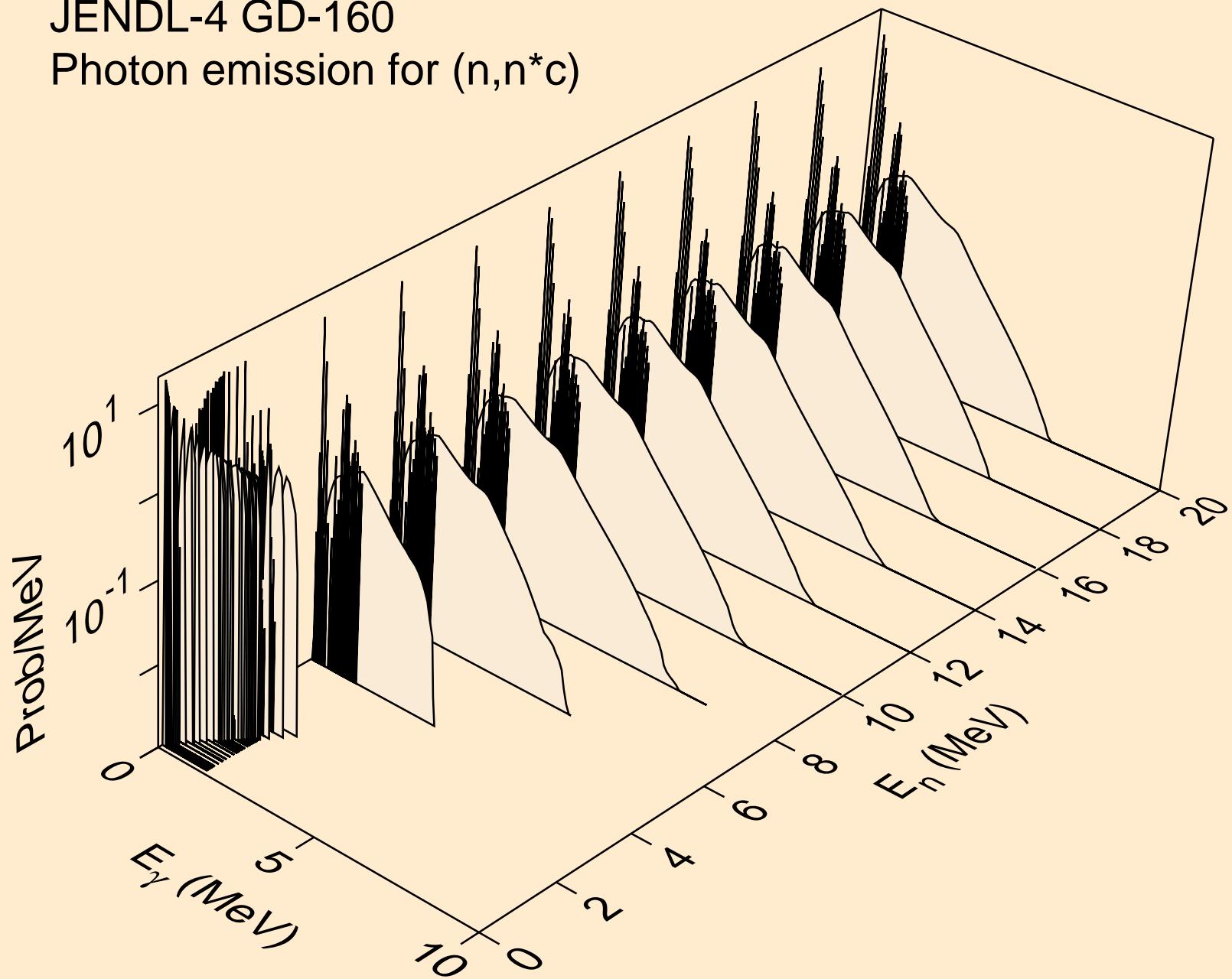
JENDL-4 GD-160  
Photon emission for ( $n, n^* 26$ )



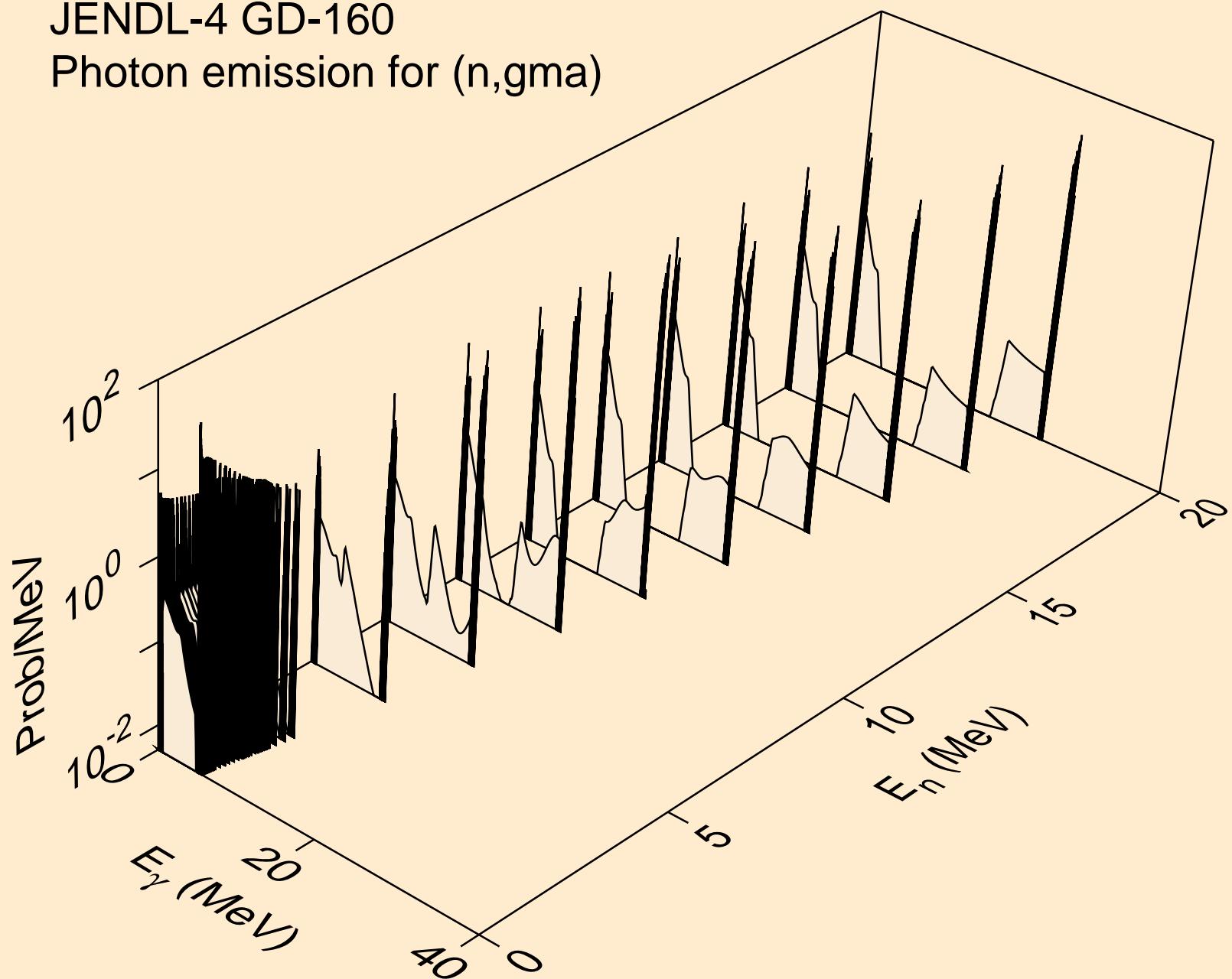
JENDL-4 GD-160  
Photon emission for ( $n, n^* 27$ )



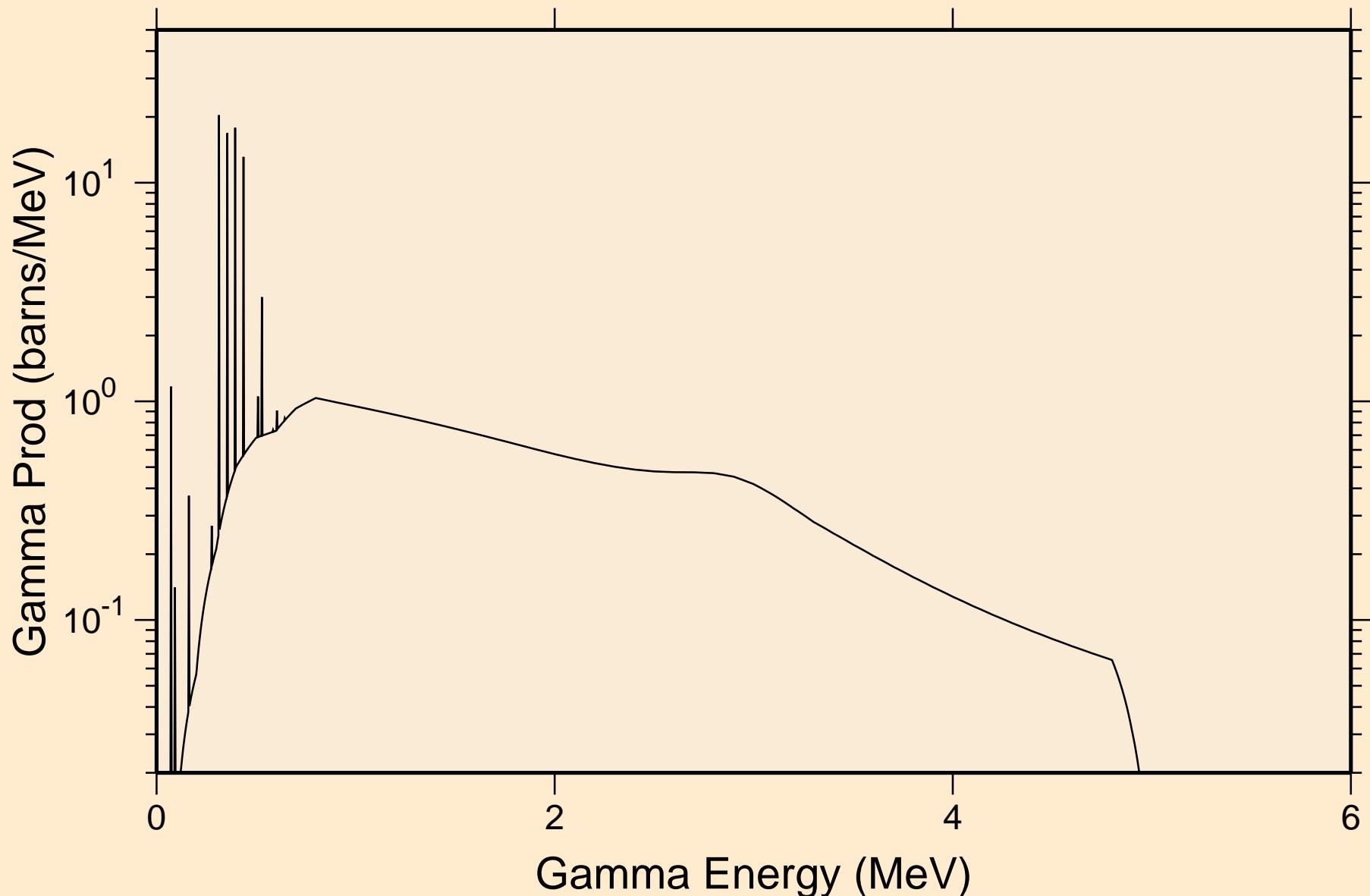
JENDL-4 GD-160  
Photon emission for  $(n,n^*c)$



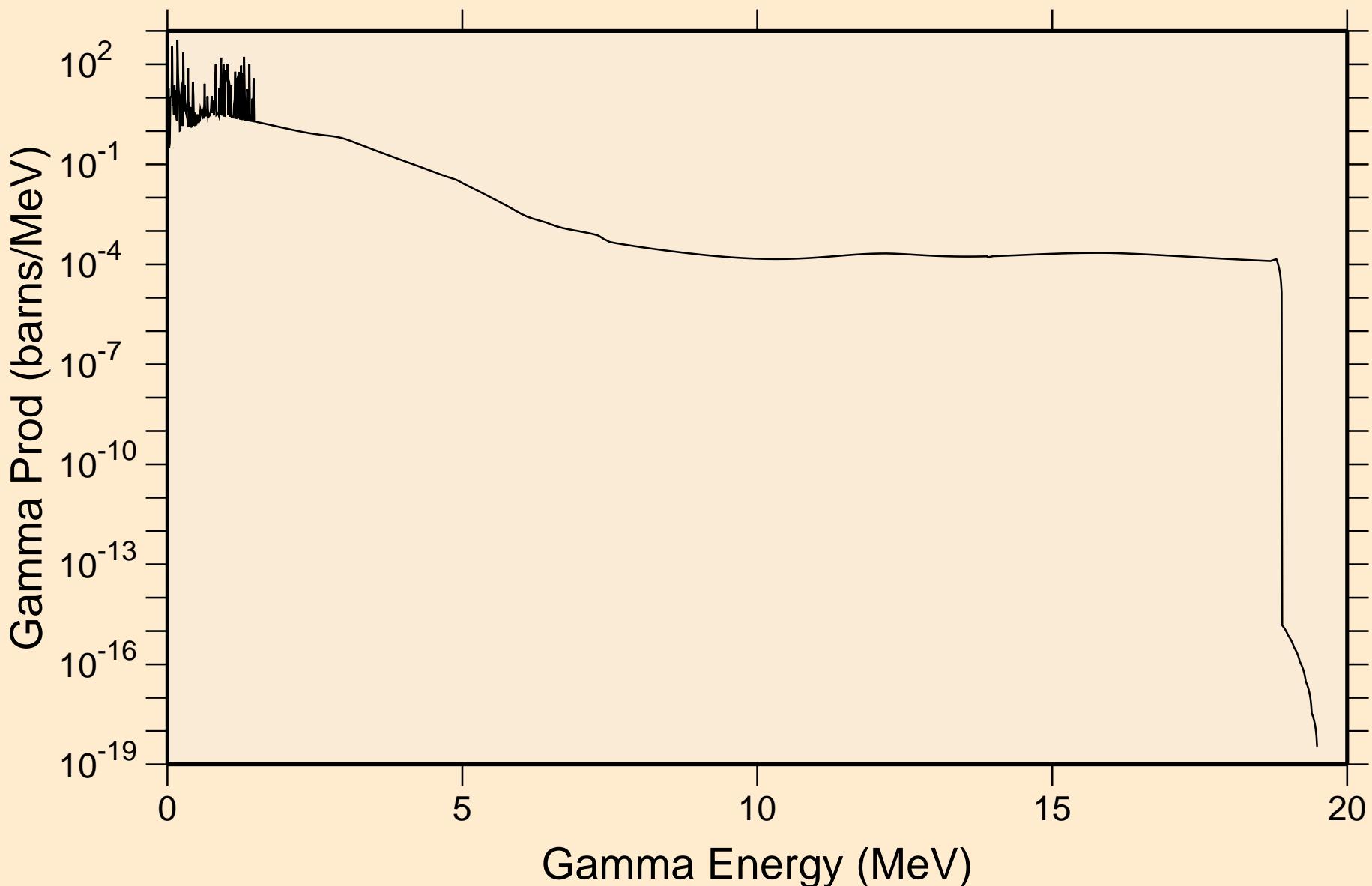
JENDL-4 GD-160  
Photon emission for (n,gma)



JENDL-4 GD-160  
thermal capture photon spectrum

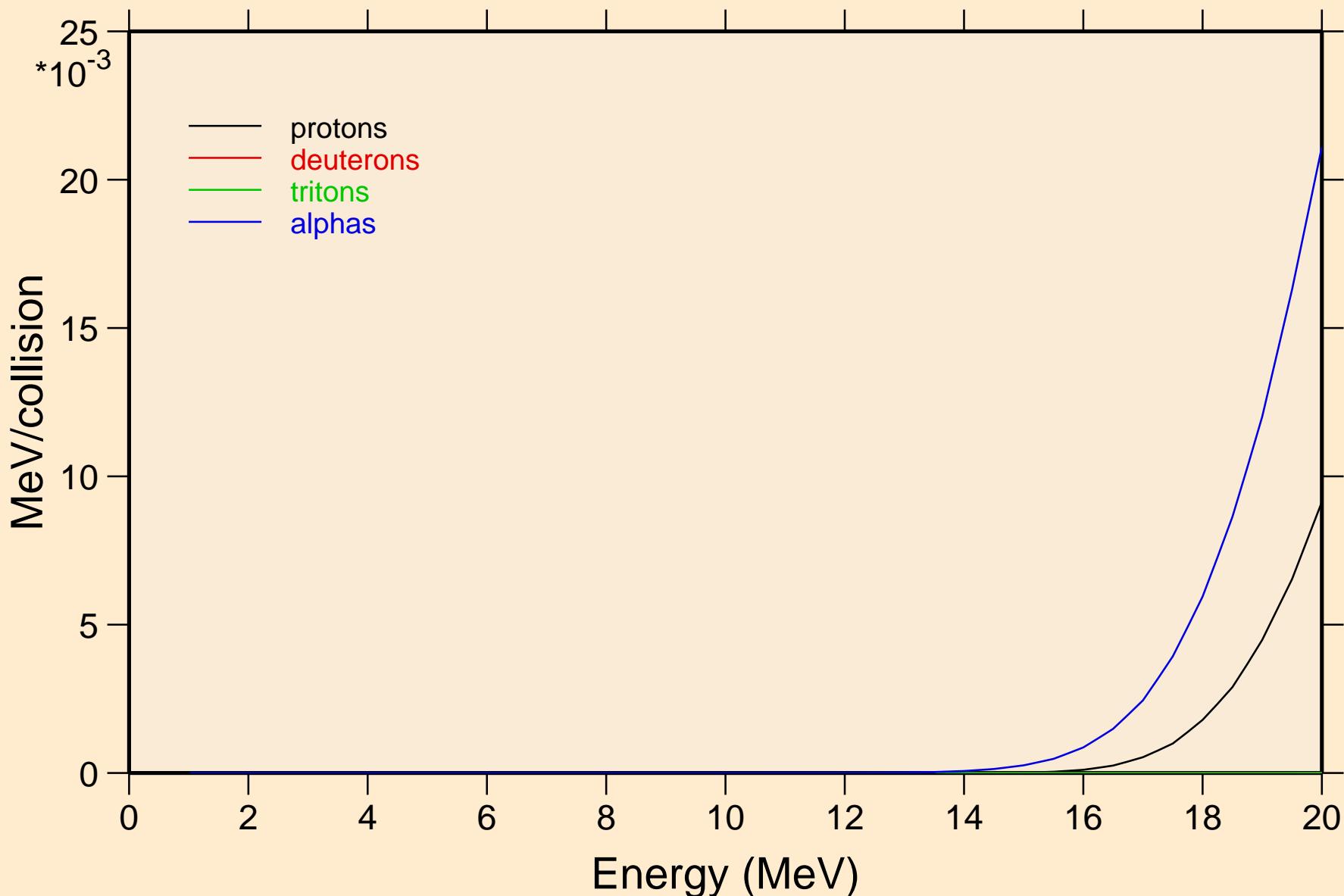


JENDL-4 GD-160  
14 MeV photon spectrum

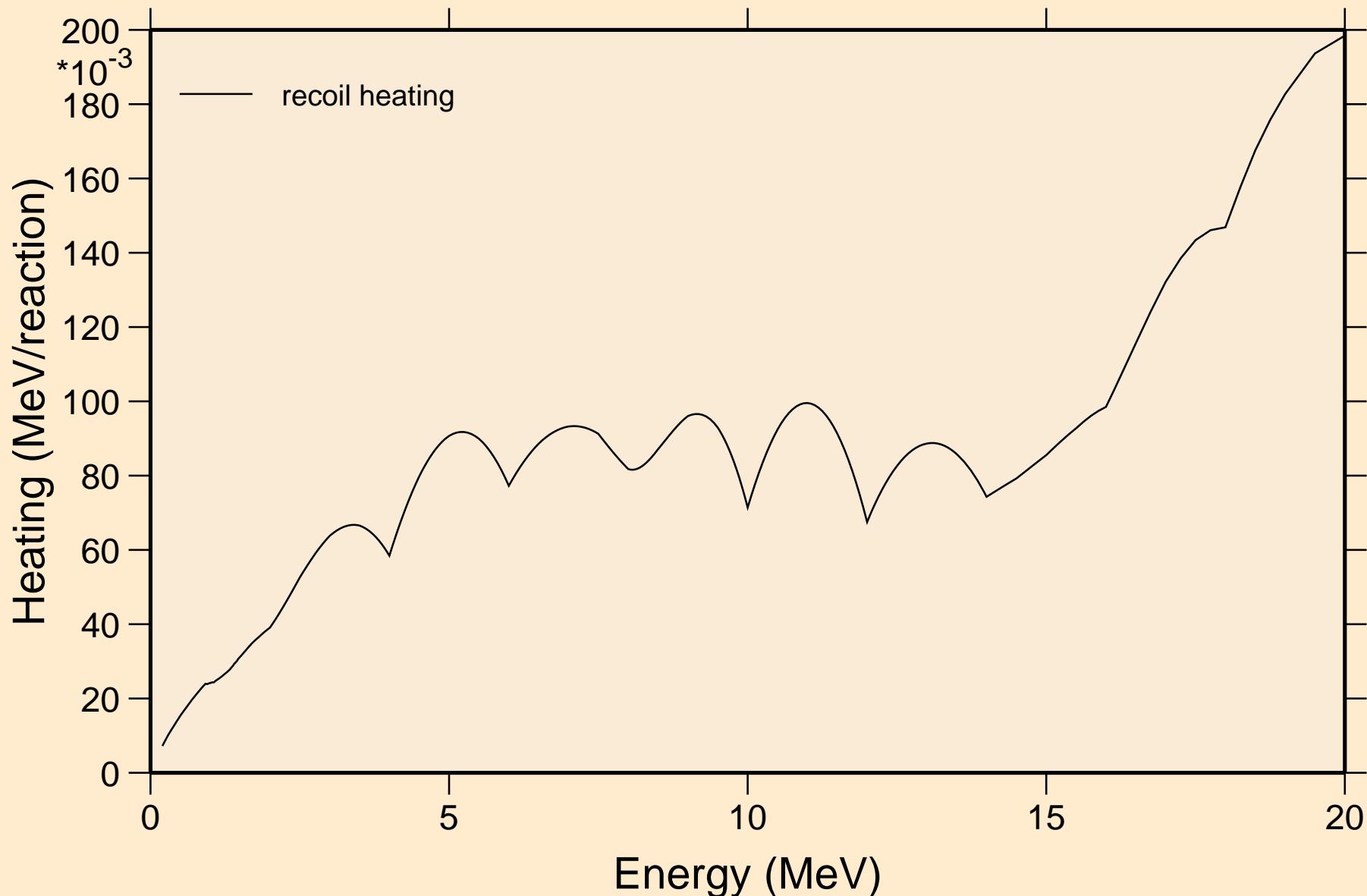


# JENDL-4 GD-160

## Particle heating contributions

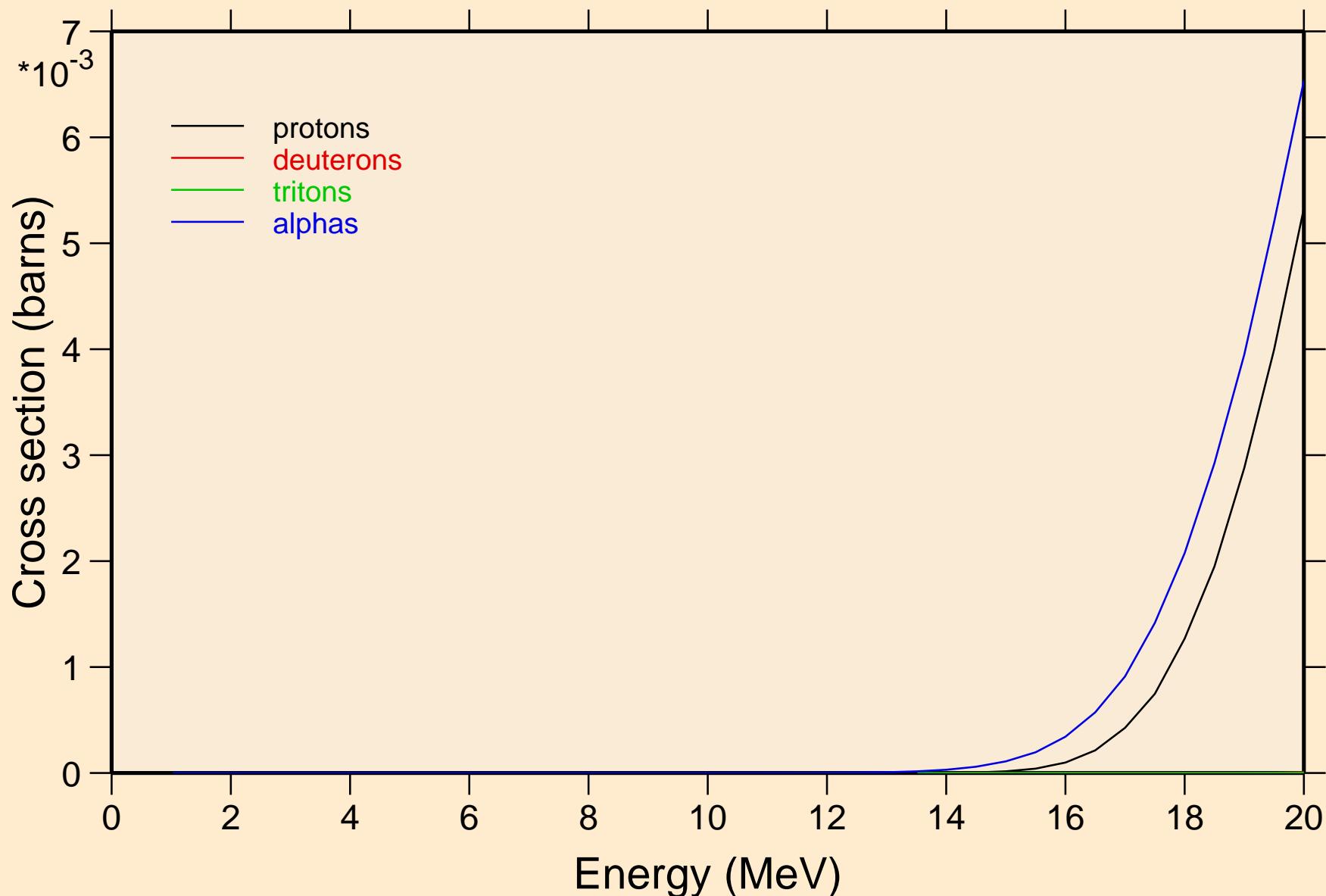


JENDL-4 GD-160  
Recoil Heating

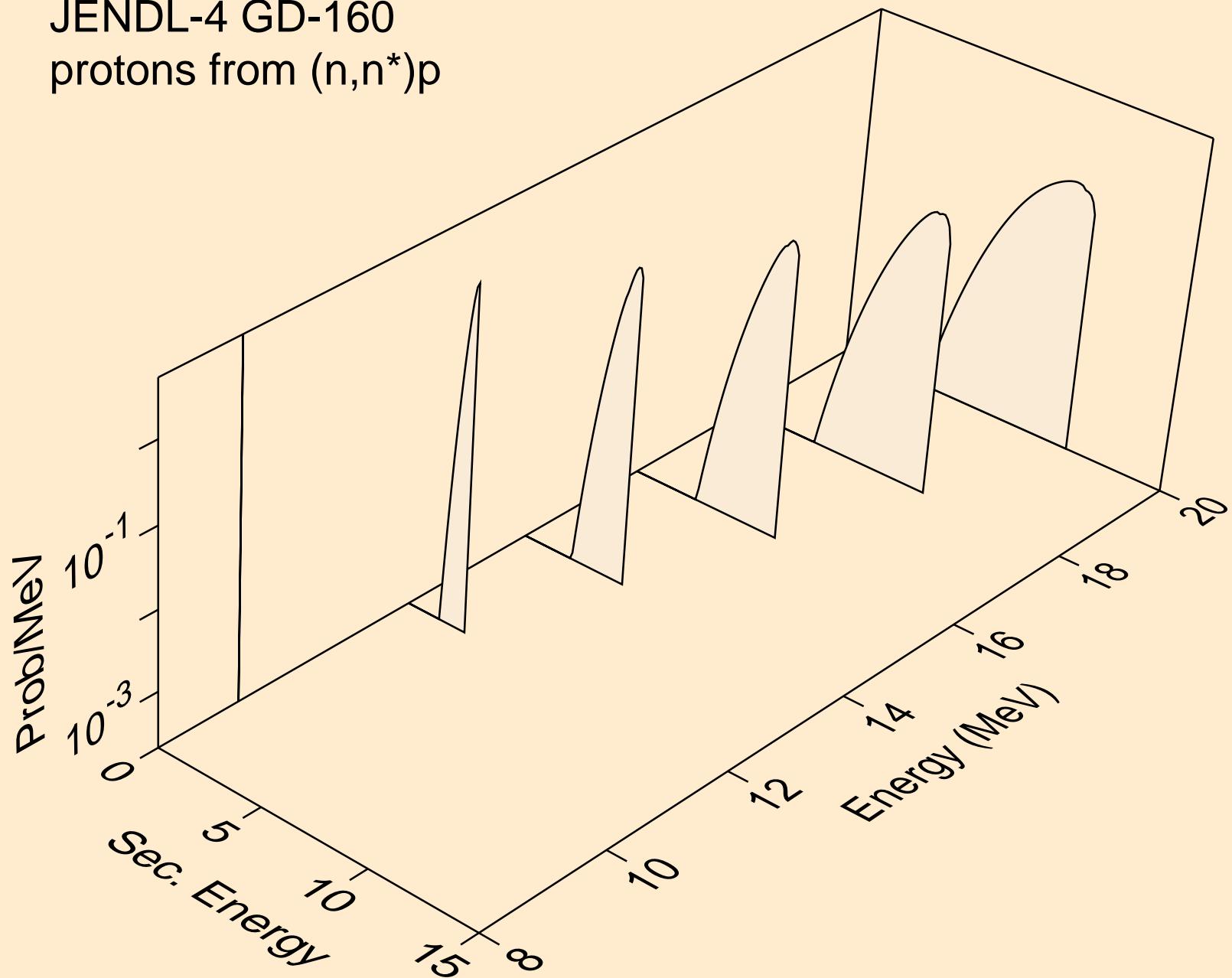


# JENDL-4 GD-160

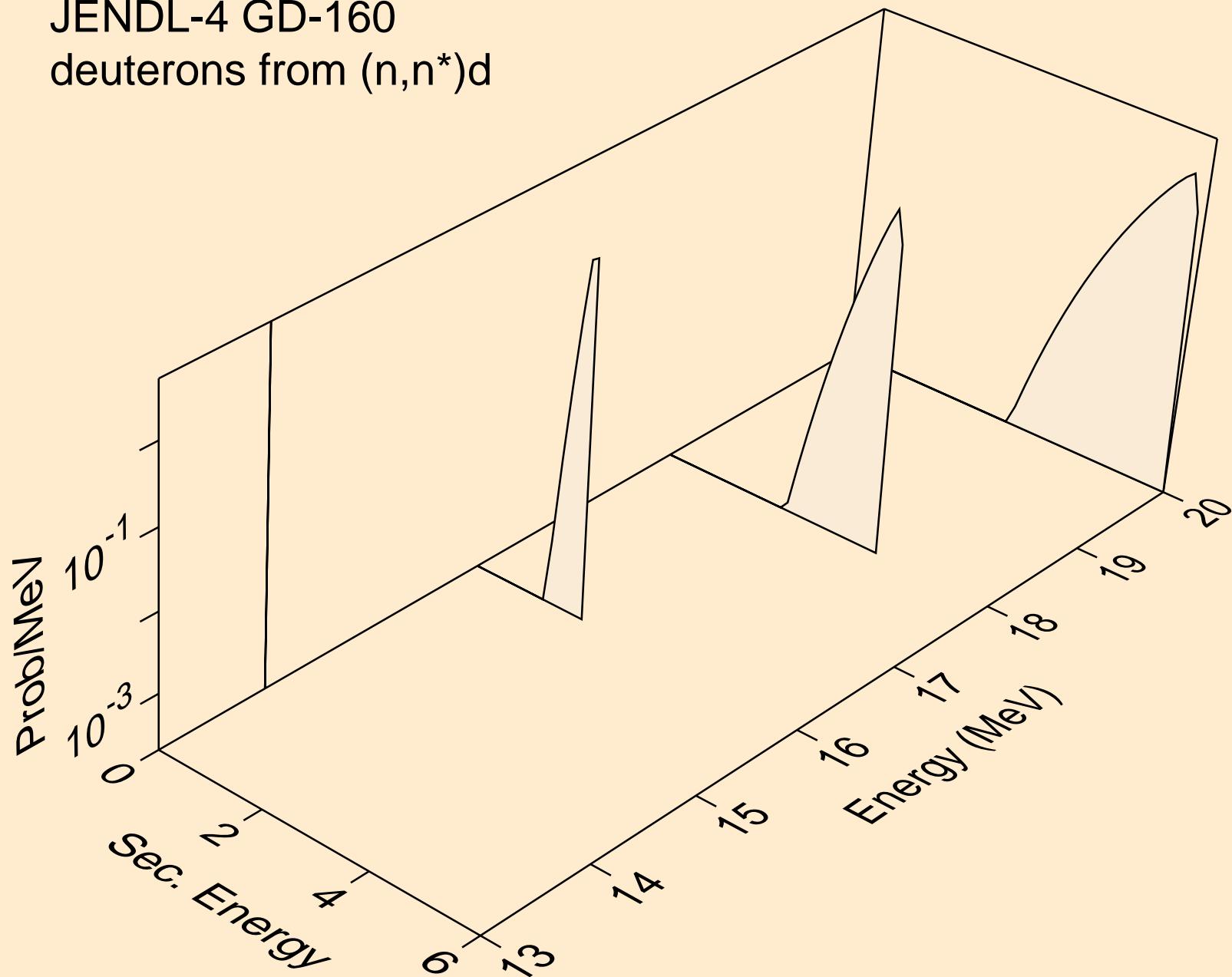
## Particle production cross sections



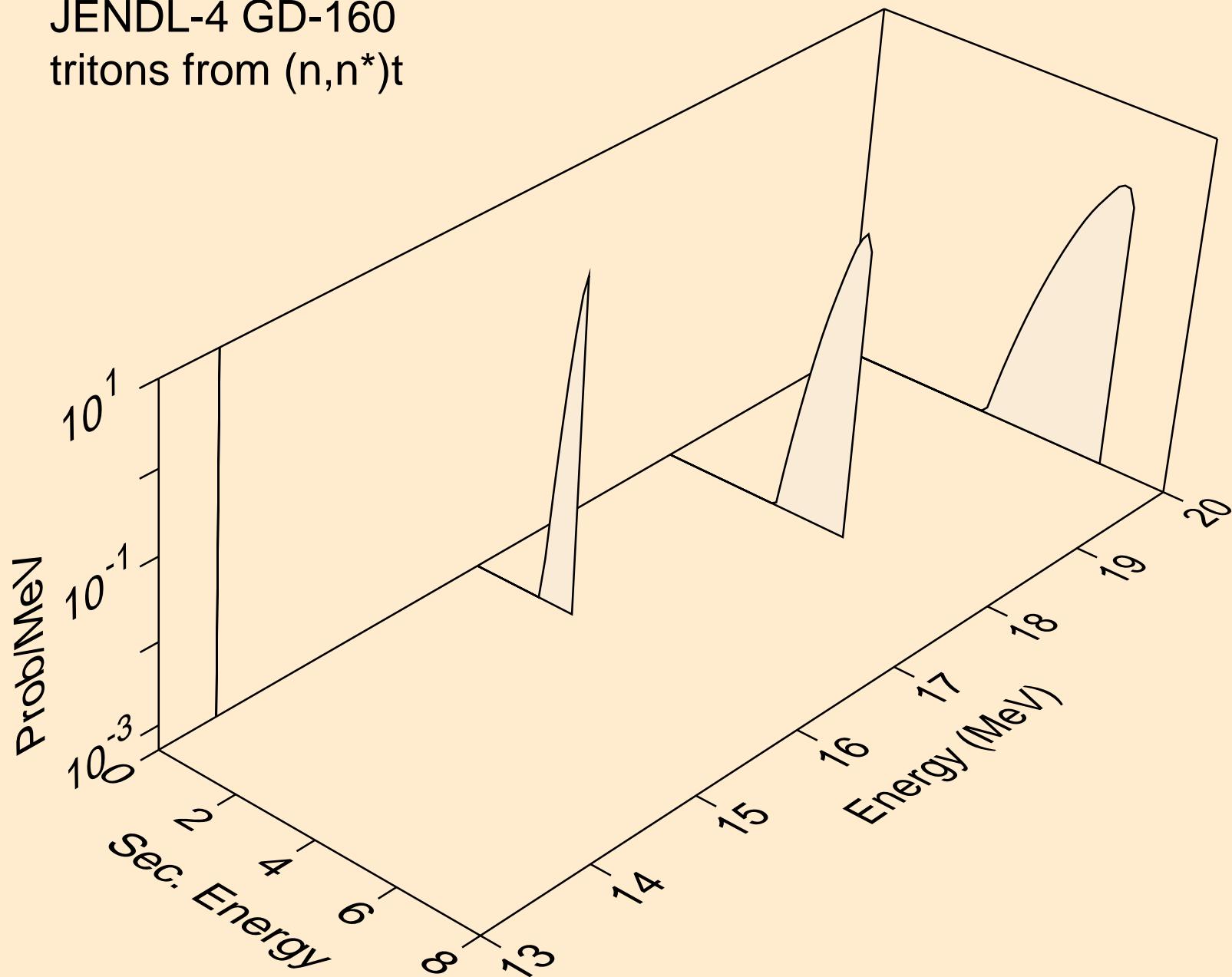
JENDL-4 GD-160  
protons from  $(n,n^*)p$



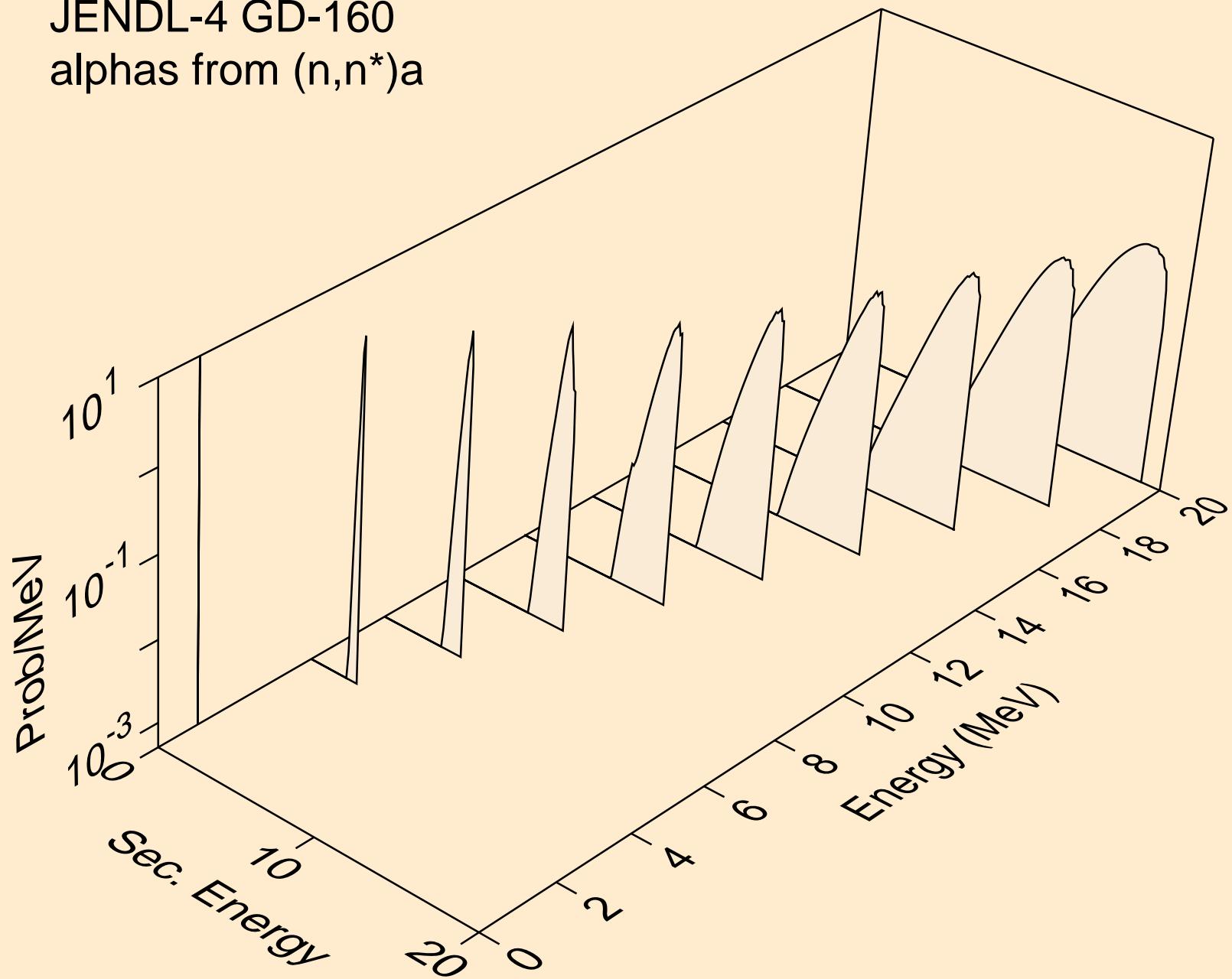
JENDL-4 GD-160  
deuterons from  $(n,n^*)d$



JENDL-4 GD-160  
tritons from  $(n,n^*)t$



JENDL-4 GD-160  
alphas from  $(n,n^*)a$



JENDL-4 GD-160  
alphas from  $(n,2n)a$

